

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070519\
 Data File : BE100394.D
 Acq On : 5 Jul 2019 23:24
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jul 06 00:14:49 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	7.62	152	642	0.40	ng	-0.02
7) Naphthalene-d8	10.42	136	2241	0.40	ng	-0.03
13) Acenaphthene-d10	14.30	164	1631	0.40	ng	-0.01
19) Phenanthrene-d10	17.05	188	4865	0.40	ng	0.00
27) Chrysene-d12	21.23	240	5761	0.40	ng	-0.01
34) Perylene-d12	23.66	264	7159	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.20	112	638	0.39	ng	-0.01
5) Phenol-d6	6.83	99	830	0.39	ng	-0.01
8) Nitrobenzene-d5	8.80	82	731	0.33	ng	-0.03
11) 2-Methylnaphthalene-d10	12.04	152	1620	0.38	ng	-0.01
14) 2,4,6-Tribromophenol	15.81	330	400	0.35	ng	-0.01
15) 2-Fluorobiphenyl	12.93	172	2631	0.41	ng	-0.01
25) Fluoranthene-d10	19.09	212	25387	0.36	ng	-0.01
29) Terphenyl-d14	19.69	244	5065	0.42	ng	-0.01

Target Compounds

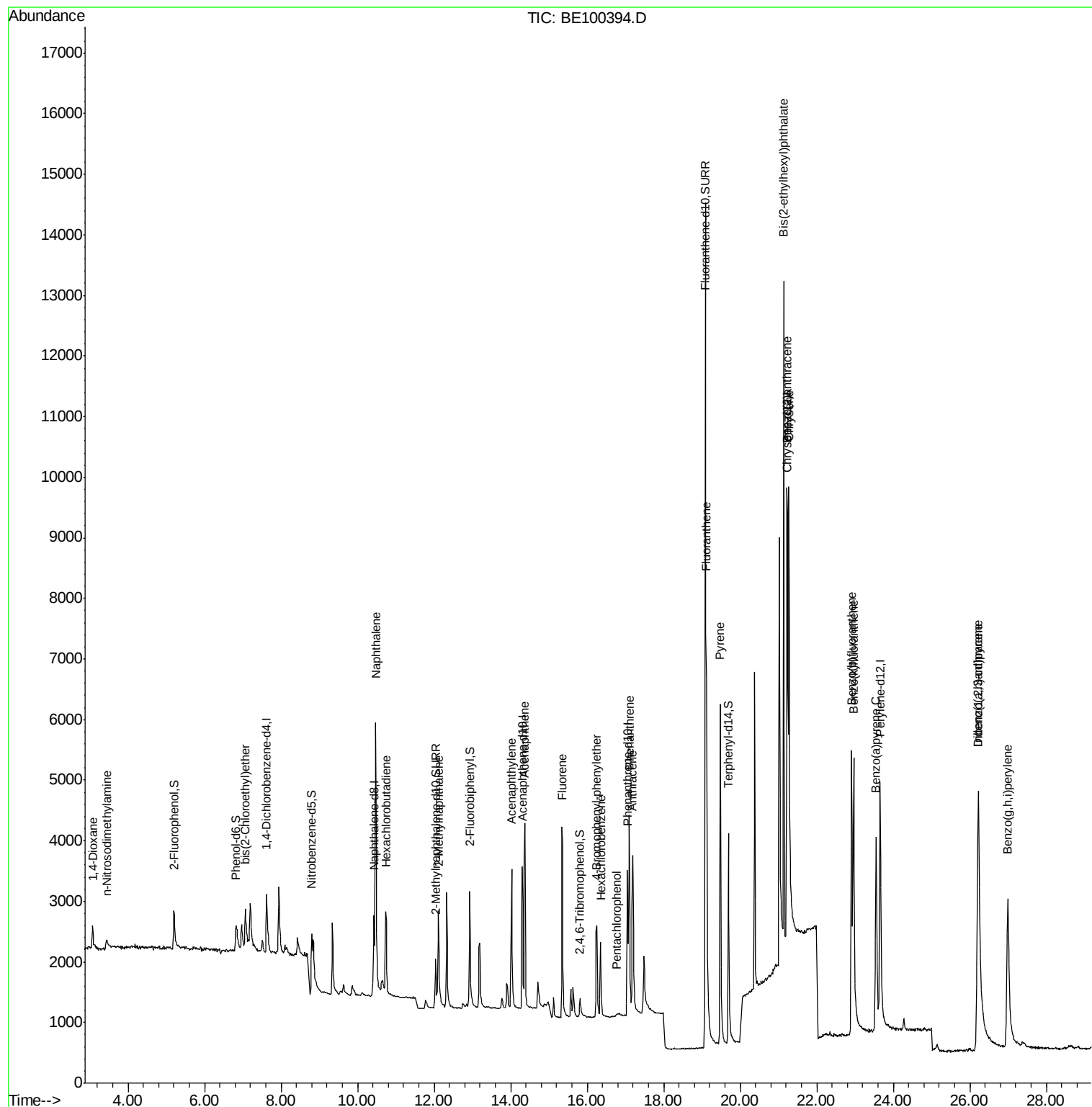
						Qvalue
2) 1,4-Dioxane	3.07	88	390	0.392	ng	# 88
3) n-Nitrosodimethylamine	3.44	42	190	0.409	ng	# 69
6) bis(2-Chloroethyl)ether	7.07	93	597	0.337	ng	# 73
9) Naphthalene	10.47	128	9667	0.391	ng	99
10) Hexachlorobutadiene	10.73	225	1114	0.468	ng	98
12) 2-Methylnaphthalene	12.11	142	1492	0.344	ng	94
16) Acenaphthylene	14.02	152	3021	0.386	ng	99
17) Acenaphthene	14.37	154	1758	0.396	ng	95
18) Fluorene	15.35	166	2523	0.385	ng	98
20) 4-Bromophenyl-phenylether	16.25	248	1309	0.422	ng	93
21) Hexachlorobenzene	16.36	284	1374	0.426	ng	98
22) Pentachlorophenol	16.77	266	98	0.101	ng	# 78
23) Phenanthrene	17.09	178	4378	0.371	ng	99
24) Anthracene	17.19	178	3819	0.360	ng	98
26) Fluoranthene	19.12	202	6639	0.353	ng	99
28) Pyrene	19.48	202	6970	0.457	ng	99
30) Benzo(a)anthracene	21.22	228	6805	0.359	ng	98
31) Chrysene	21.27	228	7791	0.410	ng	97
32) Bis(2-ethylhexyl)phthalate	21.14	149	11796	0.383	ng	100
33) Indeno(1,2,3-cd)pyrene	26.21	276	9799	0.389	ng	98
35) Benzo(b)fluoranthene	22.91	252	7252	0.374	ng	99
36) Benzo(k)fluoranthene	22.96	252	8655	0.399	ng	96
37) Benzo(a)pyrene	23.55	252	7561	0.389	ng	94
38) Dibenzo(a,h)anthracene	26.23	278	7640	0.376	ng	94
39) Benzo(g,h,i)perylene	26.99	276	8577	0.411	ng	96

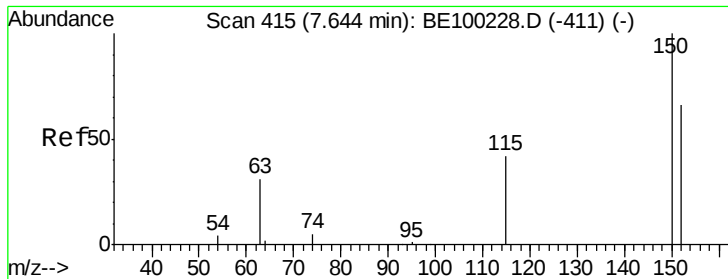
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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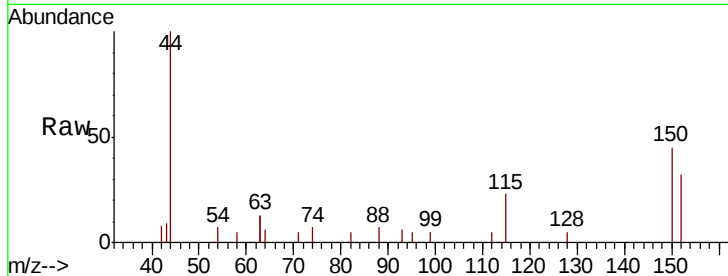


#1

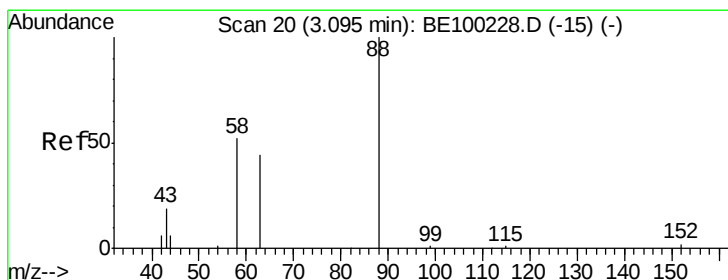
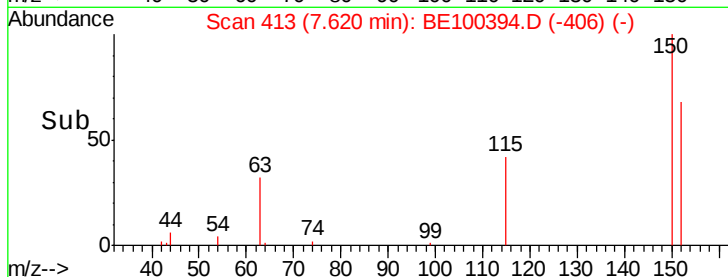
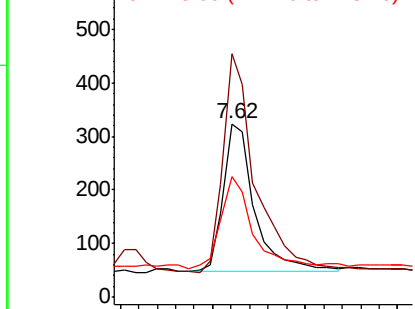
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 413
Delta R.T. -0.02 min
Lab File: BE100394.D
Acq: 5 Jul 2019 23:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 152 Resp: 642
Ion Ratio Lower Upper
152 100
150 140.1 114.5 171.7
115 69.8 57.1 85.7



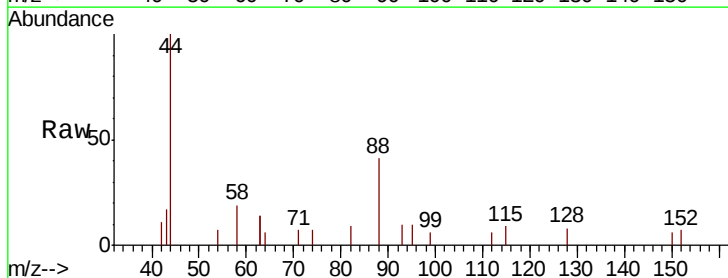
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



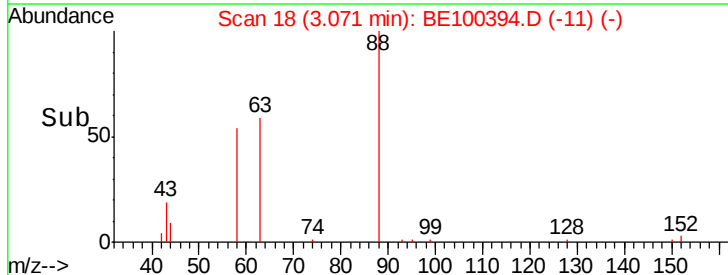
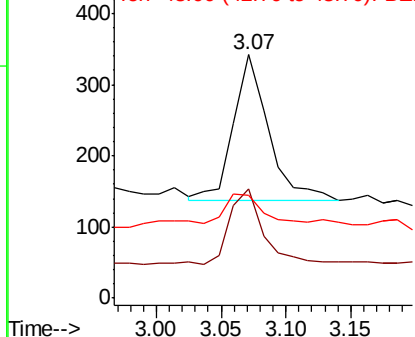
#2

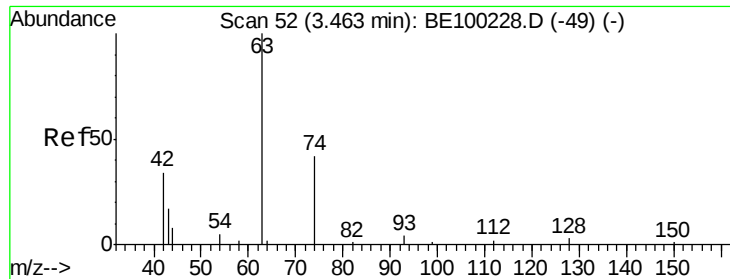
1,4-Dioxane
Concen: 0.392 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.02 min
Lab File: BE100394.D
Acq: 5 Jul 2019 23:24

Tgt Ion: 88 Resp: 390
Ion Ratio Lower Upper
88 100
58 47.2 43.6 65.4
43 19.0 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: 0.409 ng

RT: 3.44 min Scan# 50

Delta R.T. -0.02 min

Lab File: BE100394.D

Acq: 5 Jul 2019 23:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

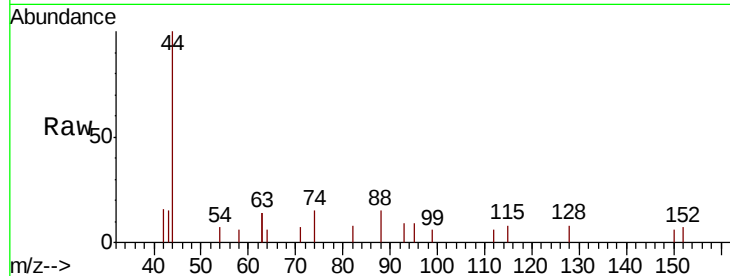
Tgt Ion: 42 Resp: 190

Ion Ratio Lower Upper

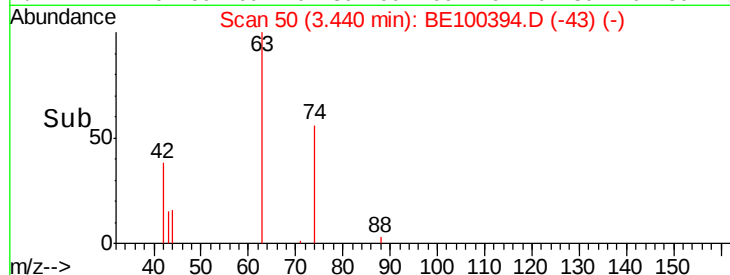
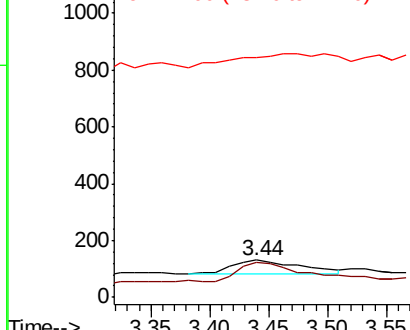
42 100

74 137.4 130.6 196.0

44 0.0 38.0 57.0#



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: 0.390 ng

RT: 5.20 min Scan# 203

Delta R.T. -0.01 min

Lab File: BE100394.D

Acq: 5 Jul 2019 23:24

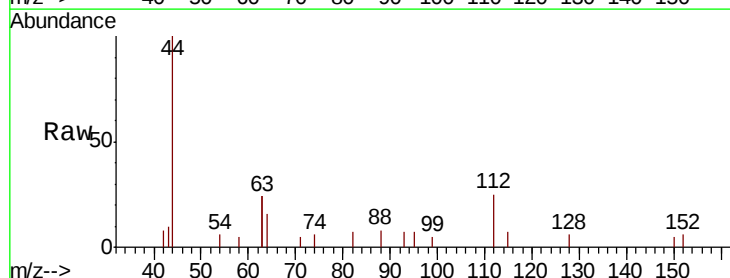
Tgt Ion: 112 Resp: 638

Ion Ratio Lower Upper

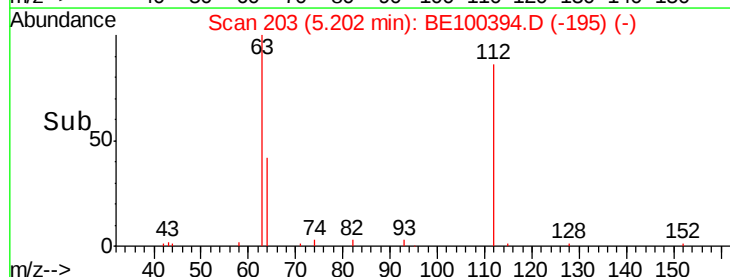
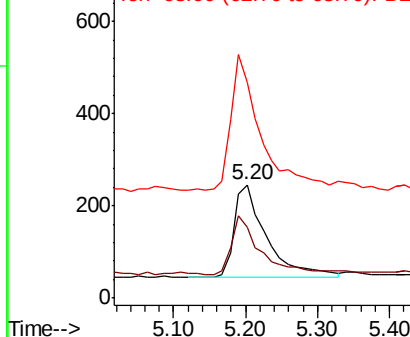
112 100

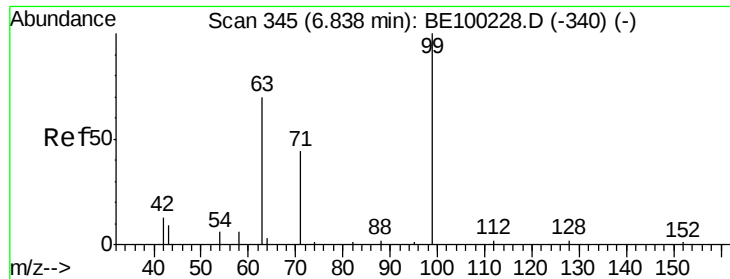
64 57.2 39.4 59.0

63 132.3 104.5 156.7



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: 0.385 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100394.D

Acq: 5 Jul 2019 23:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

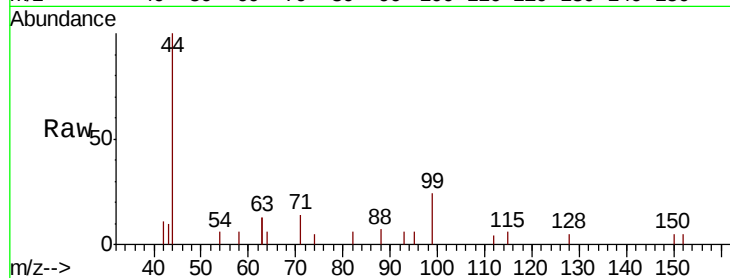
Tgt Ion: 99 Resp: 830

Ion Ratio Lower Upper

99 100

42 15.2 11.2 16.8

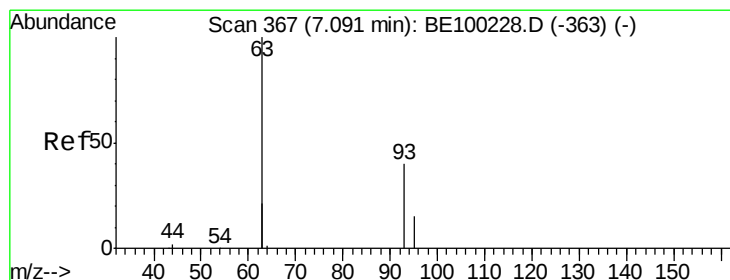
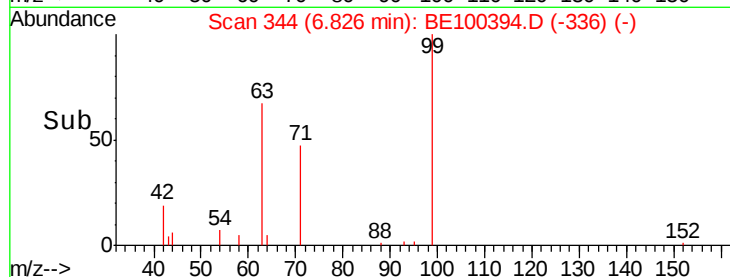
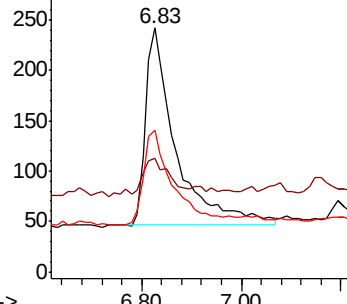
71 48.9 37.2 55.8



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



#6

bis(2-Chloroethyl)ether

Concen: 0.337 ng

RT: 7.07 min Scan# 365

Delta R.T. -0.02 min

Lab File: BE100394.D

Acq: 5 Jul 2019 23:24

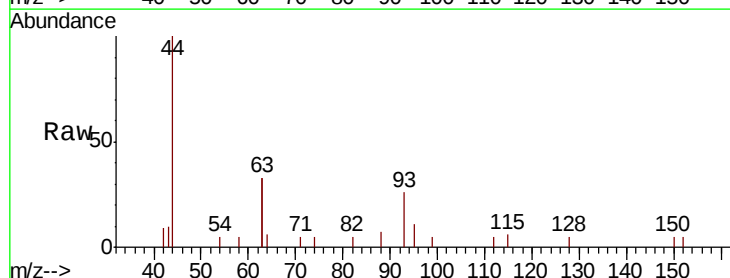
Tgt Ion: 93 Resp: 597

Ion Ratio Lower Upper

93 100

63 238.4 155.6 233.4#

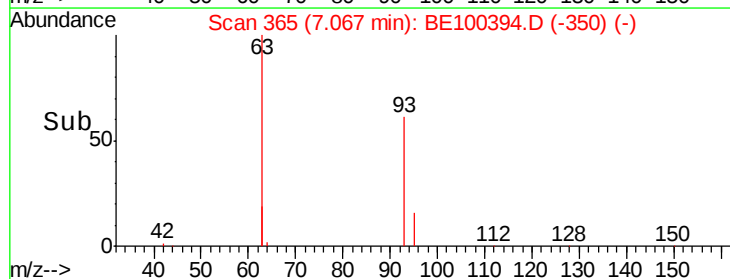
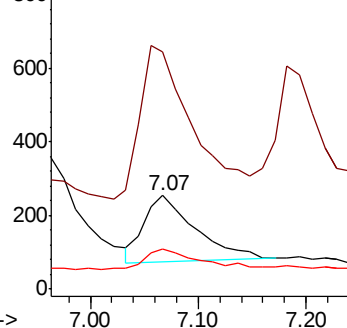
95 33.7 23.0 34.4



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





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.42 min Scan# 635

Delta R.T. -0.03 min

Lab File: BE100394.D

Acq: 5 Jul 2019 23:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 2241

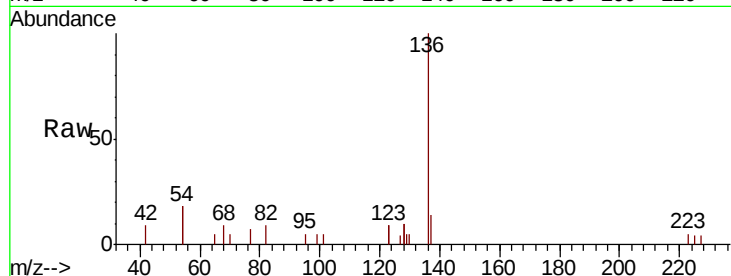
Ion Ratio Lower Upper

136 100

137 14.4 11.8 17.8

54 36.3 27.7 41.5

68 8.7 6.8 10.2

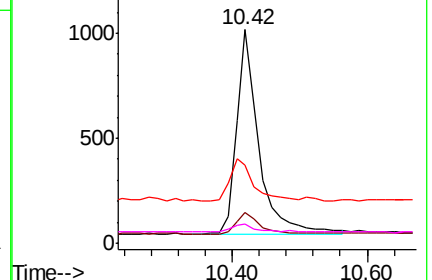
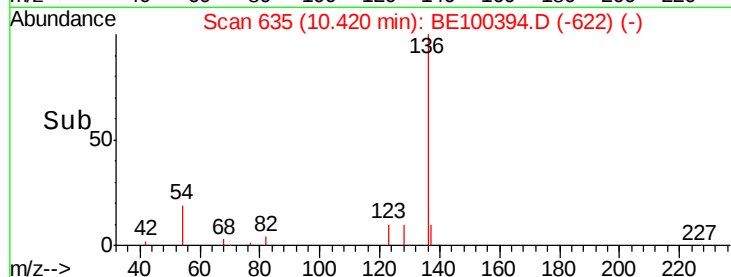


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.328 ng

RT: 8.80 min Scan# 510

Delta R.T. -0.03 min

Lab File: BE100394.D

Acq: 5 Jul 2019 23:24

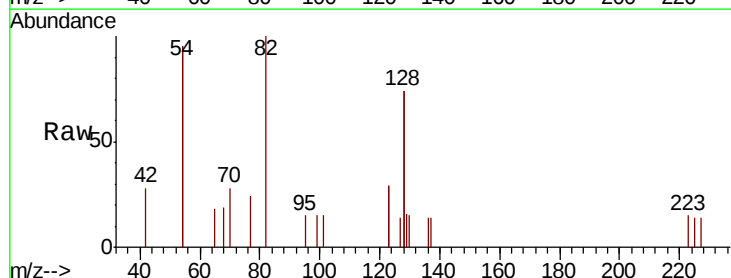
Tgt Ion: 82 Resp: 731

Ion Ratio Lower Upper

82 100

128 148.6 140.9 211.3

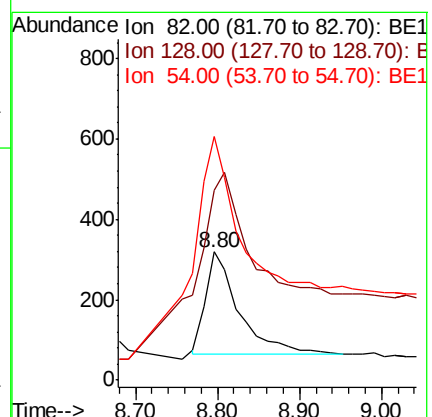
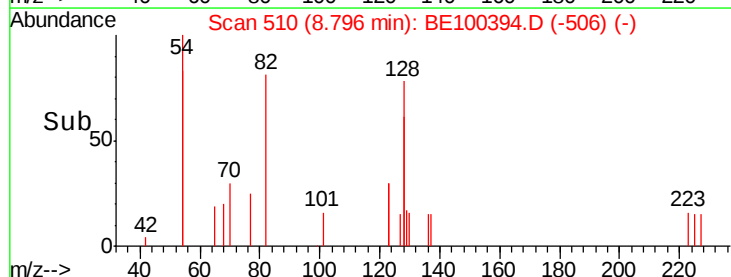
54 190.0 146.2 219.2

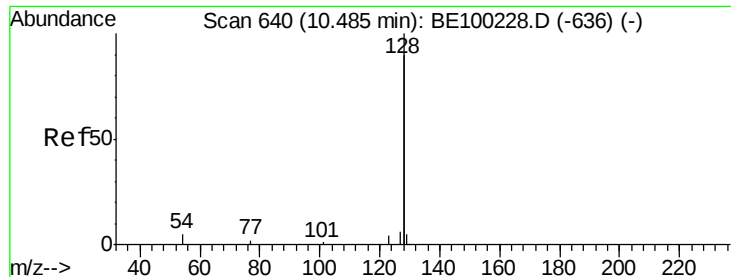


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

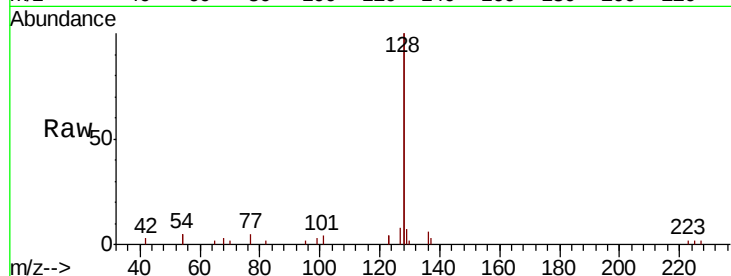




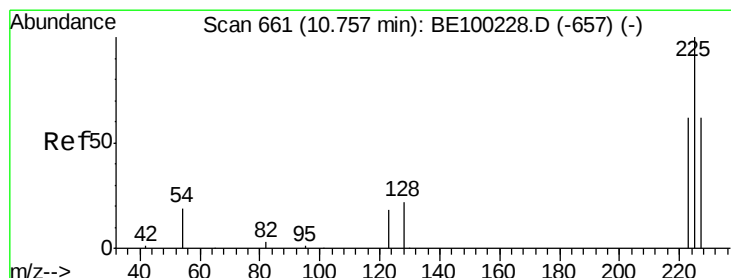
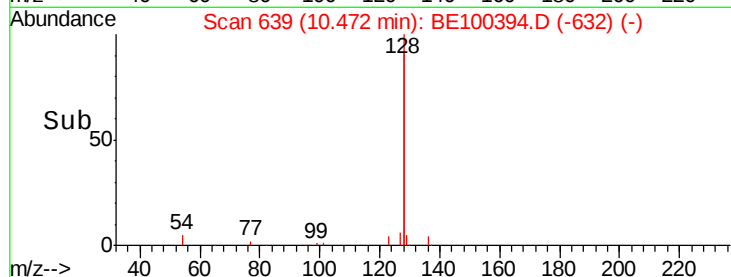
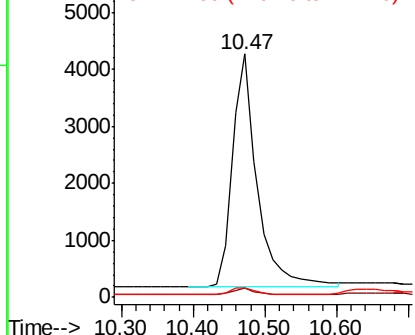
#9
Naphthalene
Concen: 0.391 ng
RT: 10.47 min Scan# 639
Delta R.T. -0.01 min
Lab File: BE100394.D
Acq: 5 Jul 2019 23:24

Instrument :
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ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 9667
Ion Ratio Lower Upper
128 100
129 3.7 3.0 4.6
127 4.0 3.5 5.3

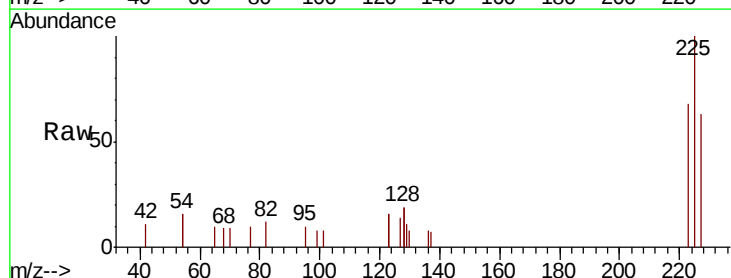


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

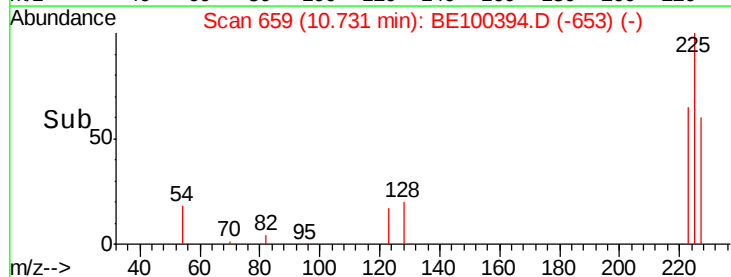
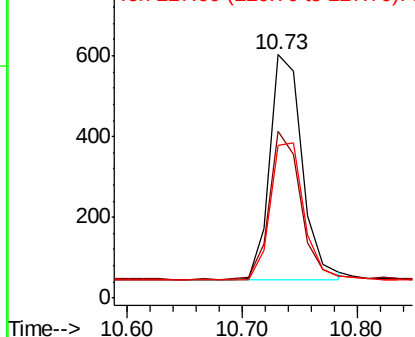


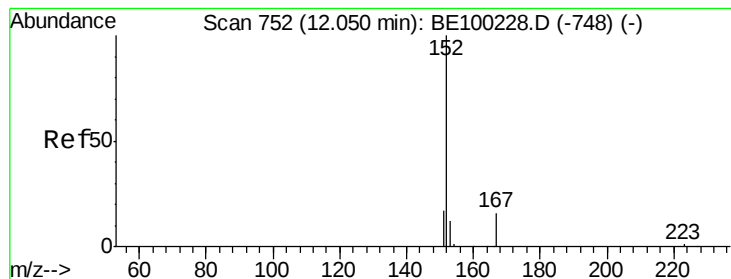
#10
Hexachlorobutadiene
Concen: 0.468 ng
RT: 10.73 min Scan# 659
Delta R.T. -0.03 min
Lab File: BE100394.D
Acq: 5 Jul 2019 23:24

Tgt Ion:225 Resp: 1114
Ion Ratio Lower Upper
225 100
223 62.7 49.1 73.7
227 63.0 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: 0.384 ng

RT: 12.04 min Scan# 751

Delta R.T. -0.01 min

Lab File: BE100394.D

Acq: 5 Jul 2019 23:24

Instrument :

BNA_N

ClientSampleId :

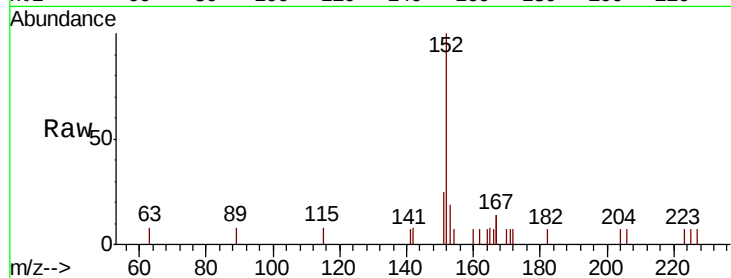
SSTDCCC0.4

Tgt Ion:152 Resp: 1620

Ion Ratio Lower Upper

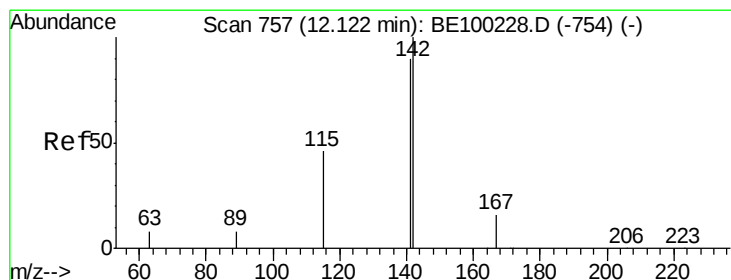
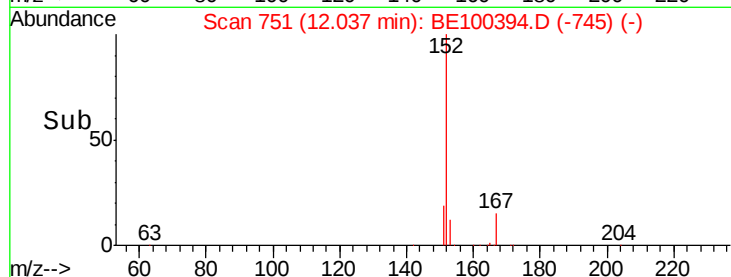
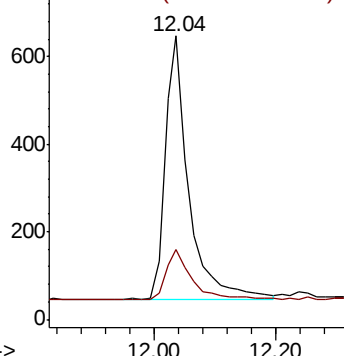
152 100

151 21.7 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.344 ng

RT: 12.11 min Scan# 756

Delta R.T. -0.01 min

Lab File: BE100394.D

Acq: 5 Jul 2019 23:24

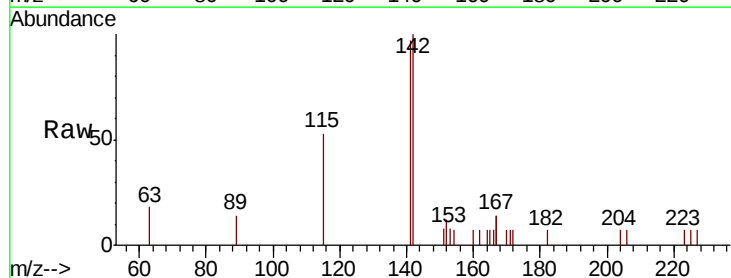
Tgt Ion:142 Resp: 1492

Ion Ratio Lower Upper

142 100

141 96.9 72.4 108.6

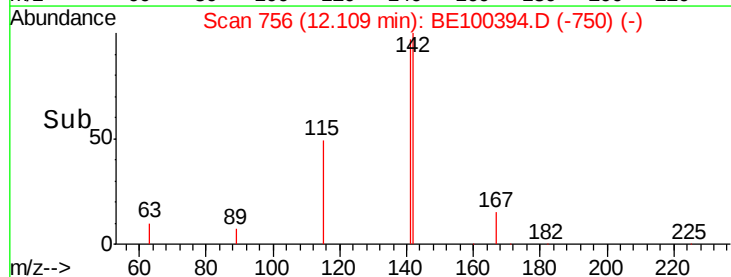
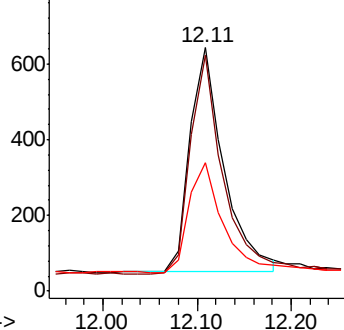
115 52.9 40.4 60.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

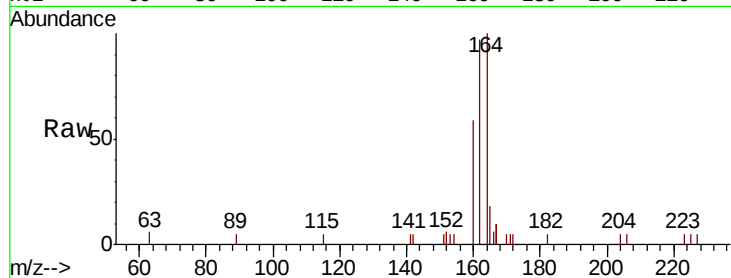




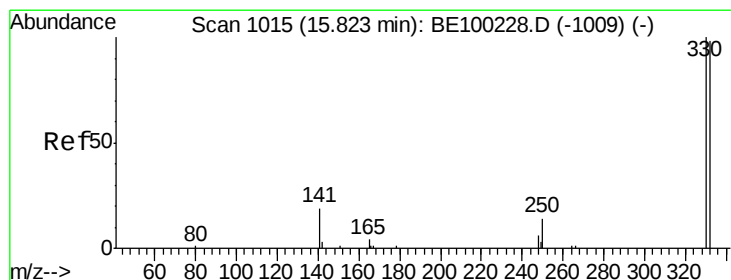
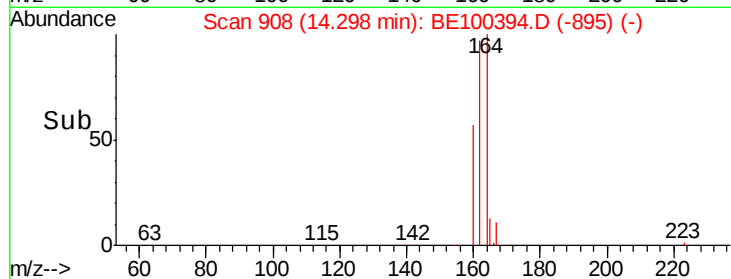
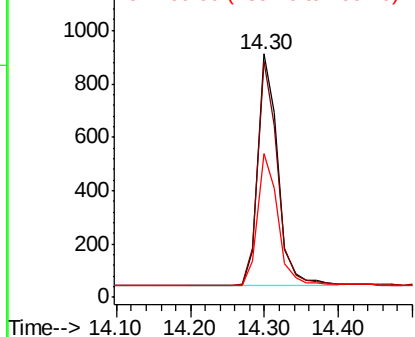
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.30 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BE100394.D
 Acq: 5 Jul 2019 23:24

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC0.4

Tgt Ion:164 Resp: 1631
 Ion Ratio Lower Upper
 164 100
 162 96.7 83.4 125.0
 160 59.0 45.0 67.6

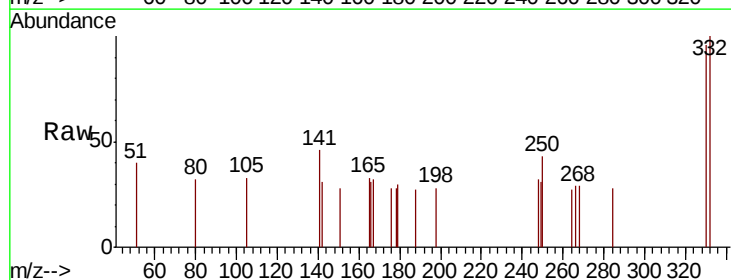


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

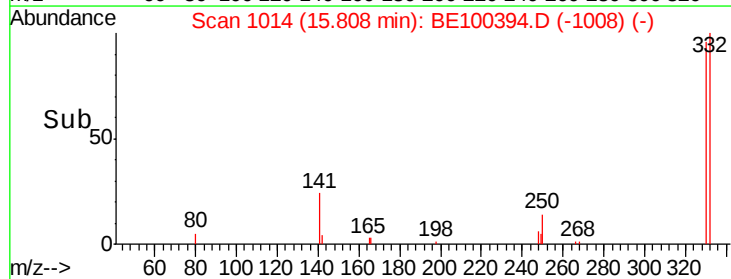
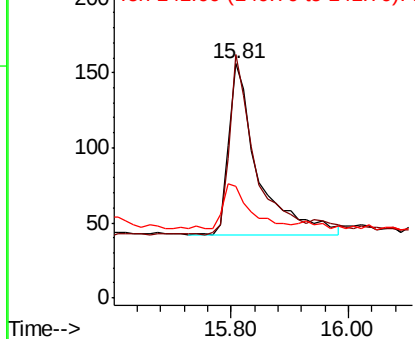


#14
 2,4,6-Tribromophenol
 Concen: 0.351 ng
 RT: 15.81 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BE100394.D
 Acq: 5 Jul 2019 23:24

Tgt Ion:330 Resp: 400
 Ion Ratio Lower Upper
 330 100
 332 92.0 77.0 115.4
 141 24.3 22.0 33.0



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

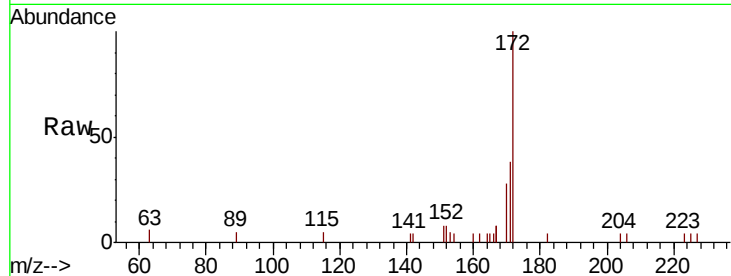




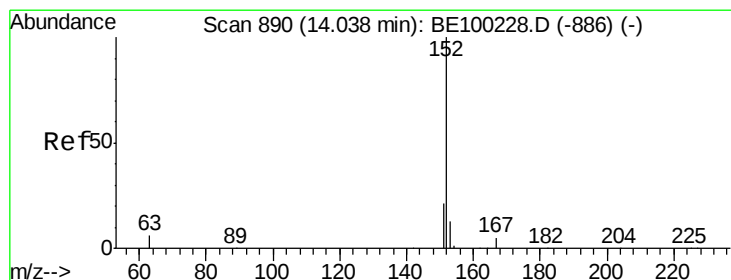
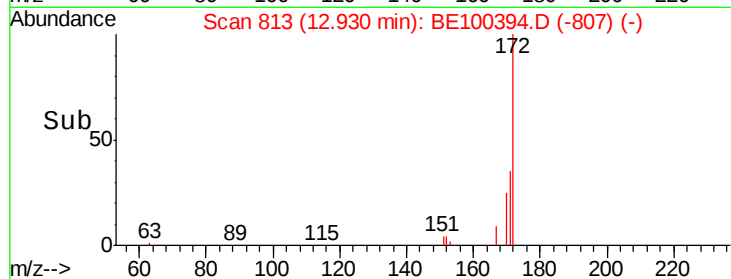
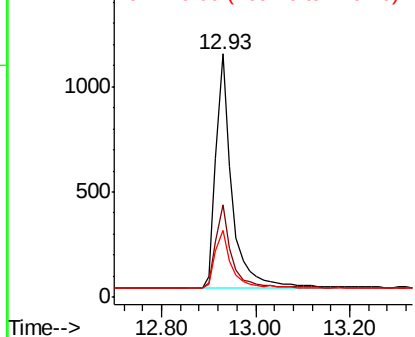
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100394.D
Acq: 5 Jul 2019 23:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 2631
Ion Ratio Lower Upper
172 100
171 37.9 31.9 47.9
170 27.7 22.2 33.2

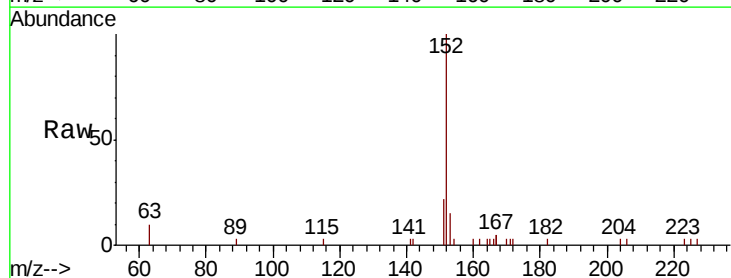


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

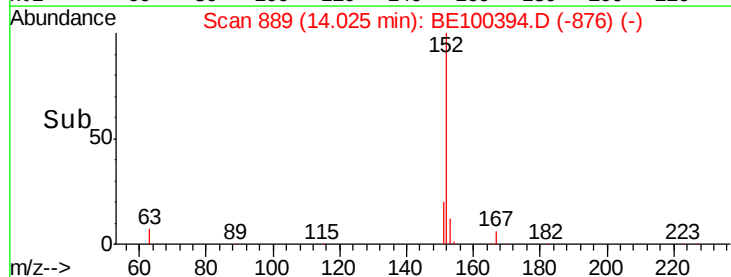
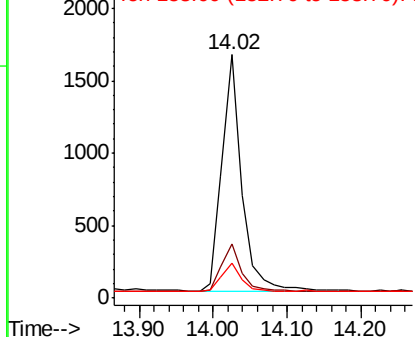


#16
Acenaphthylene
Concen: 0.386 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100394.D
Acq: 5 Jul 2019 23:24

Tgt Ion:152 Resp: 3021
Ion Ratio Lower Upper
152 100
151 20.6 16.6 25.0
153 12.7 10.5 15.7



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

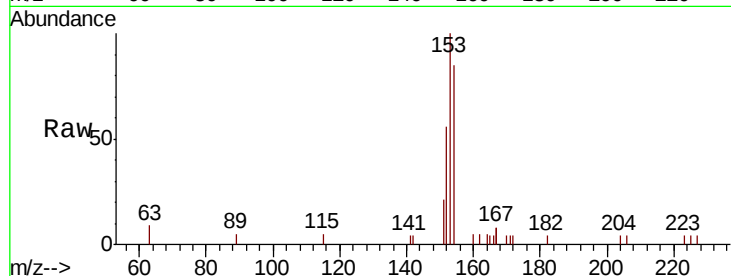




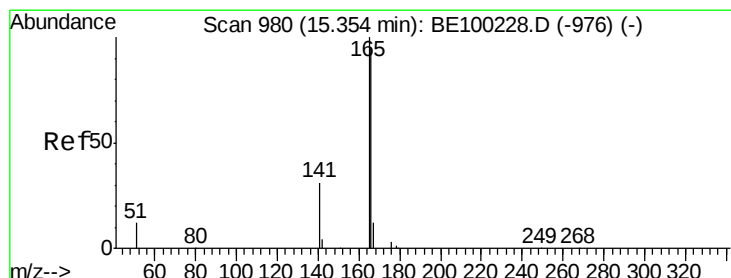
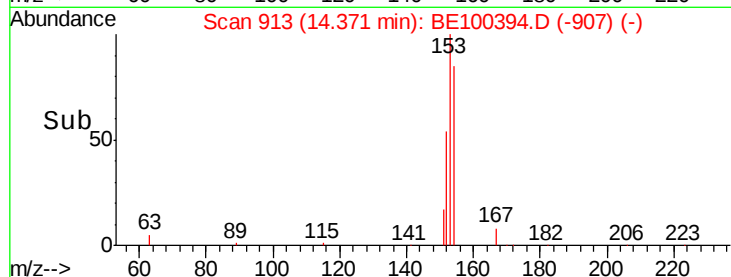
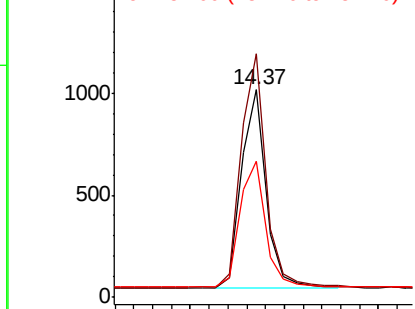
#17
Acenaphthene
Concen: 0.396 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100394.D
Acq: 5 Jul 2019 23:24

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 1758
Ion Ratio Lower Upper
154 100
153 120.4 93.4 140.2
152 67.3 49.4 74.2

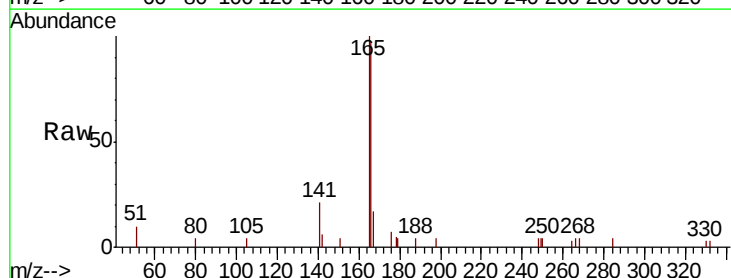


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

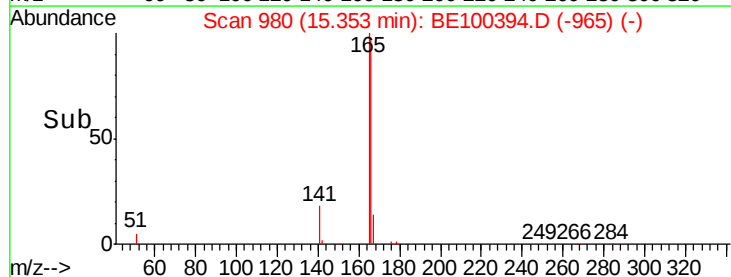
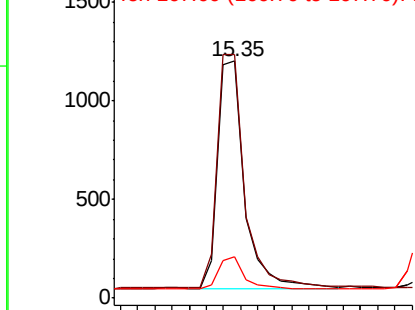


#18
Fluorene
Concen: 0.385 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100394.D
Acq: 5 Jul 2019 23:24

Tgt Ion:166 Resp: 2523
Ion Ratio Lower Upper
166 100
165 104.0 81.1 121.7
167 13.5 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: 17.05 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BE100394.D

Acq: 5 Jul 2019 23:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

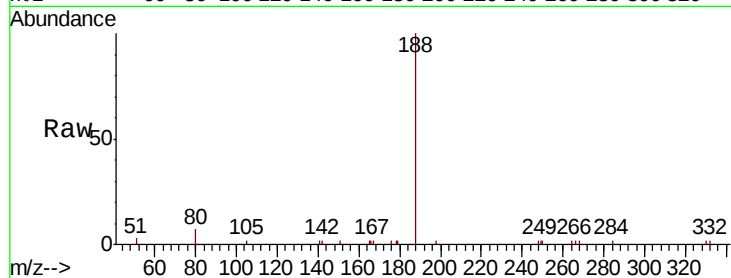
Tgt Ion:188 Resp: 4865

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

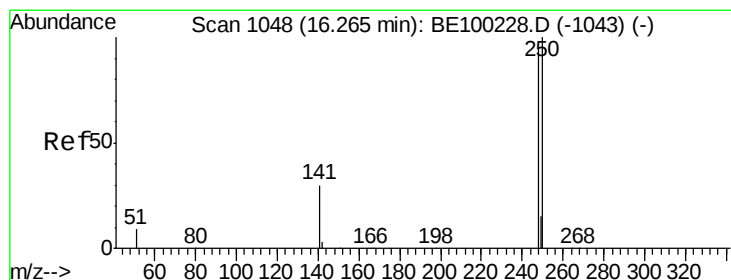
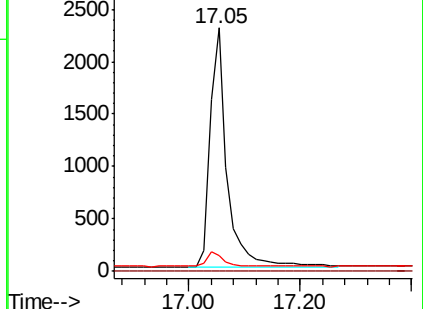
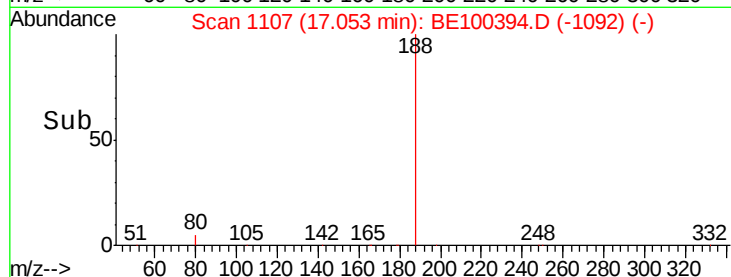
80 6.6 7.6 11.4#



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: 0.422 ng

RT: 16.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BE100394.D

Acq: 5 Jul 2019 23:24

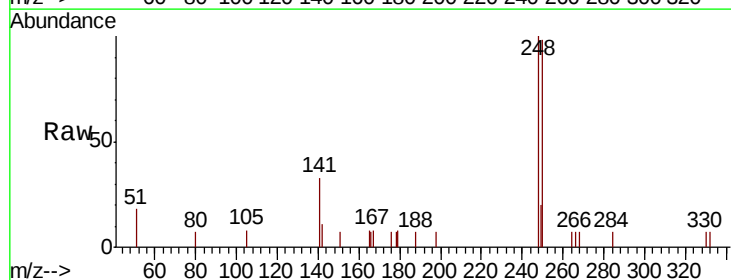
Tgt Ion:248 Resp: 1309

Ion Ratio Lower Upper

248 100

250 98.1 84.2 126.4

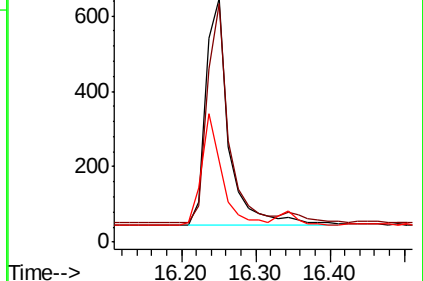
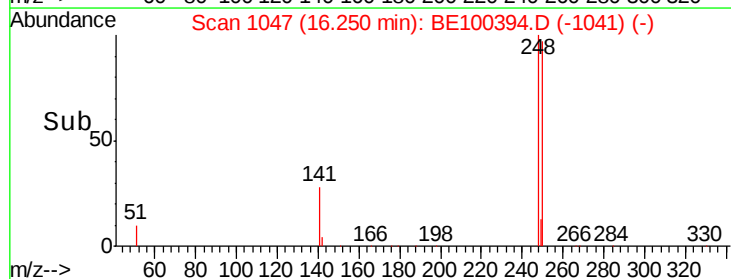
141 33.4 29.3 43.9



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: 0.426 ng

RT: 16.36 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BE100394.D

Acq: 5 Jul 2019 23:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

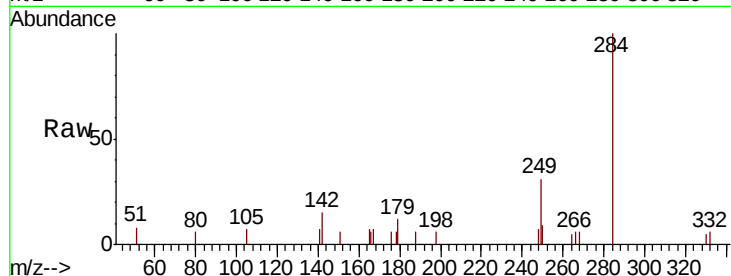
Tgt Ion:284 Resp: 1374

Ion Ratio Lower Upper

284 100

142 23.1 18.8 28.2

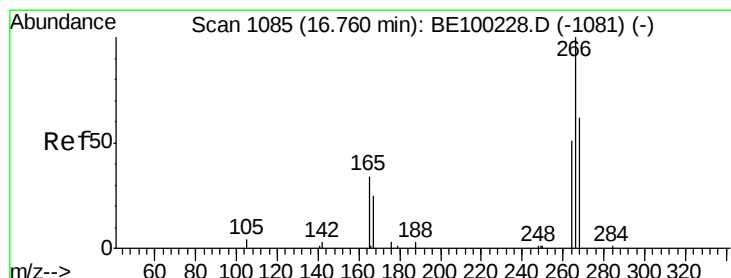
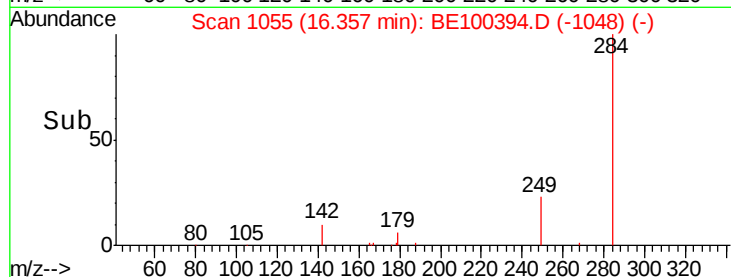
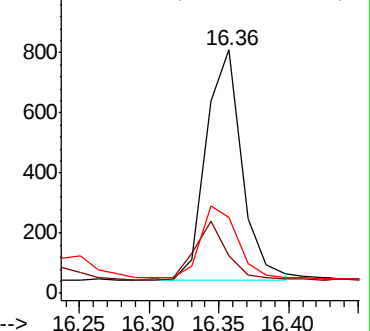
249 31.2 23.7 35.5



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: 0.101 ng

RT: 16.77 min Scan# 1086

Delta R.T. 0.01 min

Lab File: BE100394.D

Acq: 5 Jul 2019 23:24

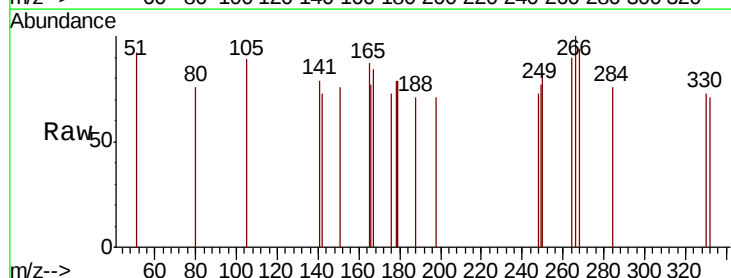
Tgt Ion:266 Resp: 98

Ion Ratio Lower Upper

266 100

264 90.3 56.2 84.2#

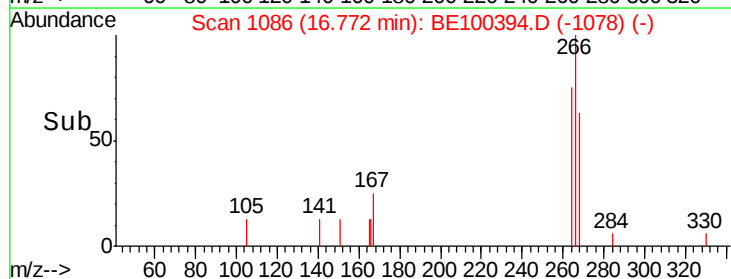
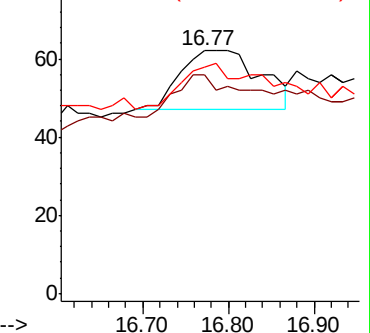
268 93.5 61.8 92.6#



Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.371 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100394.D

Acq: 5 Jul 2019 23:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

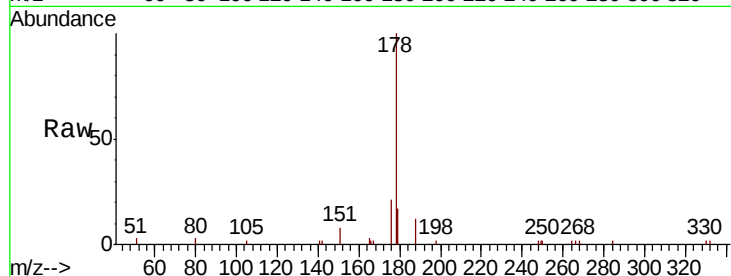
Tgt Ion:178 Resp: 4378

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

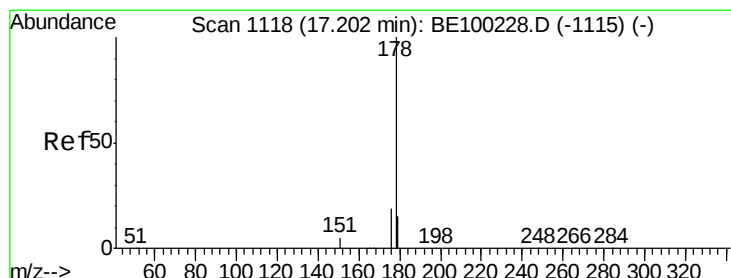
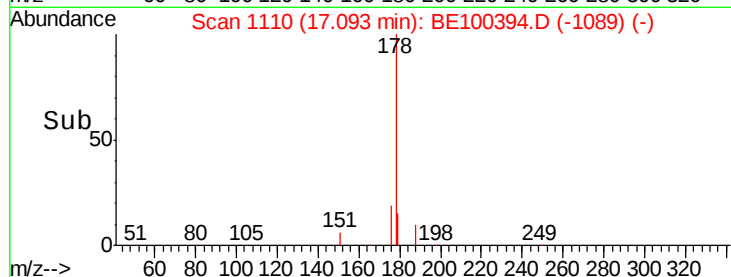
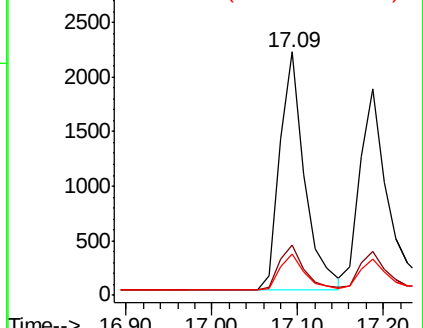
179 15.7 12.2 18.2



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: 0.360 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100394.D

Acq: 5 Jul 2019 23:24

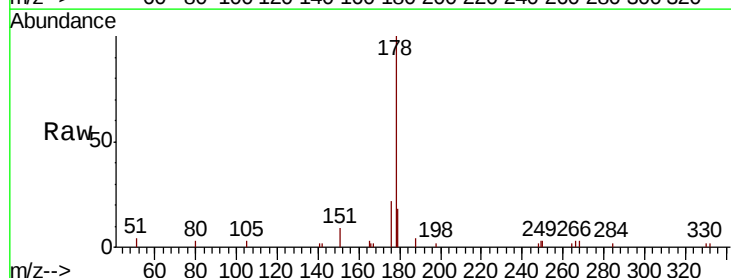
Tgt Ion:178 Resp: 3819

Ion Ratio Lower Upper

178 100

176 19.8 15.3 22.9

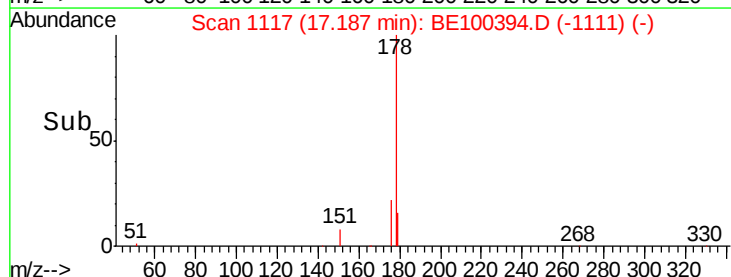
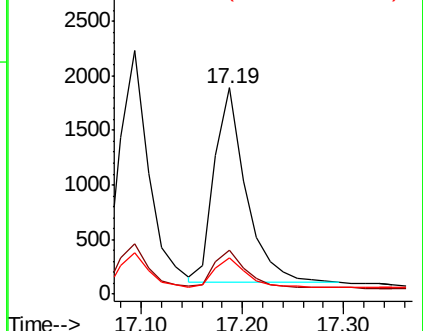
179 15.9 12.2 18.2

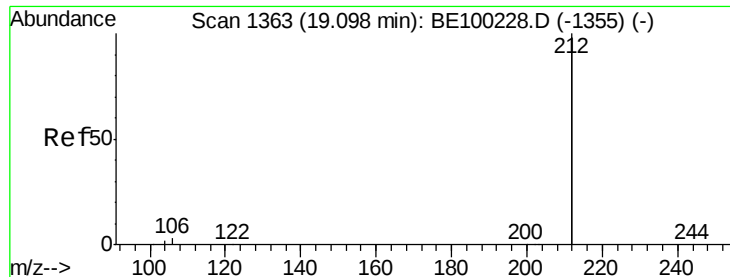


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.360 ng

RT: 19.09 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BE100394.D

Acq: 5 Jul 2019 23:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

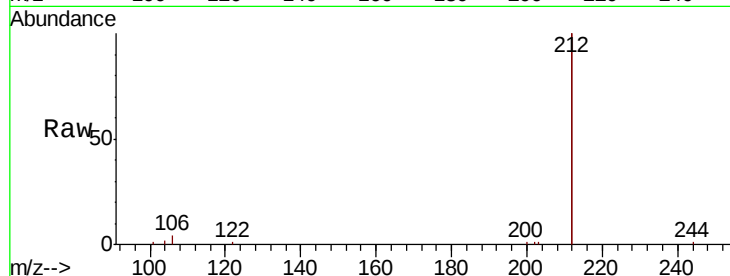
Tgt Ion:212 Resp: 25387

Ion Ratio Lower Upper

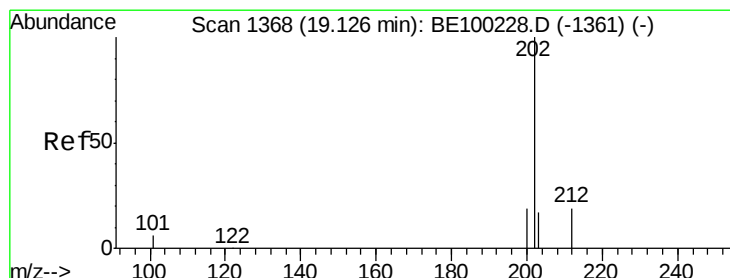
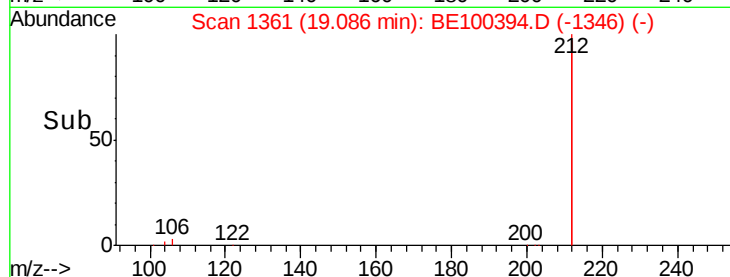
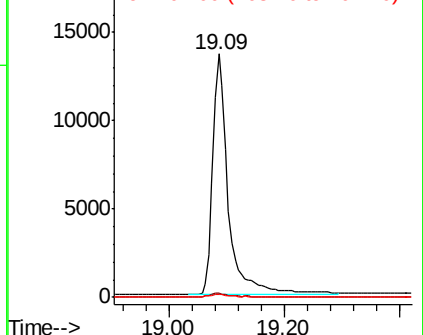
212 100

106 1.4 1.3 1.9

104 0.8 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: 0.353 ng

RT: 19.12 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE100394.D

Acq: 5 Jul 2019 23:24

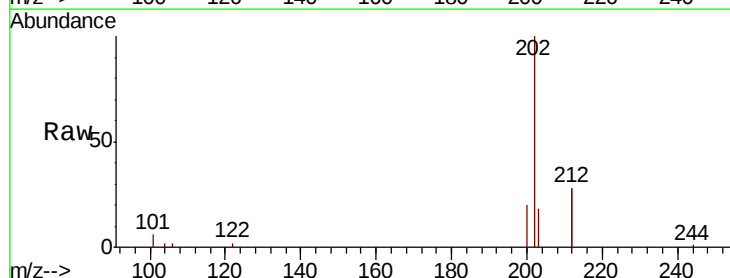
Tgt Ion:202 Resp: 6639

Ion Ratio Lower Upper

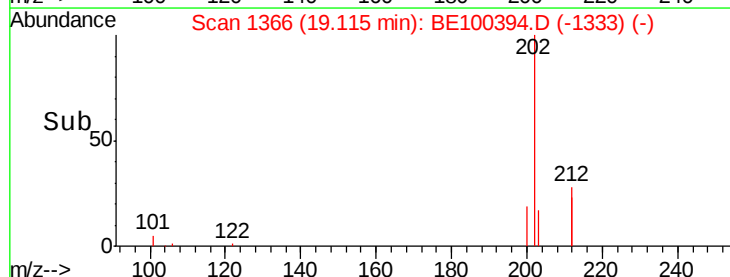
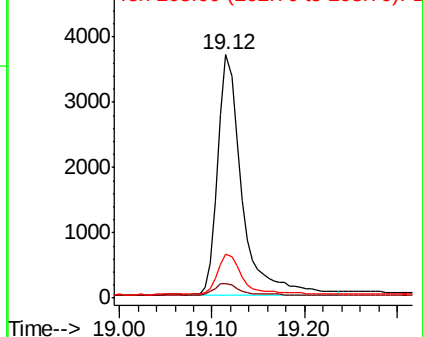
202 100

101 5.3 4.6 7.0

203 17.2 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: 21.23 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BE100394.D

Acq: 5 Jul 2019 23:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

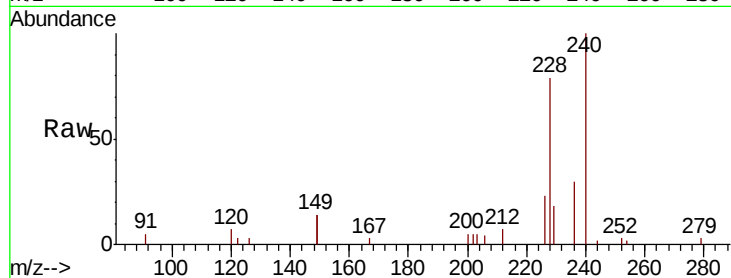
Tgt Ion:240 Resp: 5761

Ion Ratio Lower Upper

240 100

120 6.8 3.3 4.9#

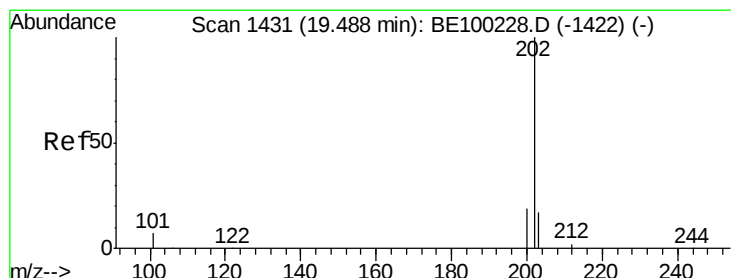
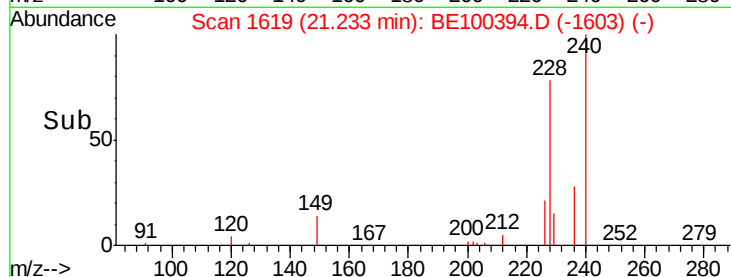
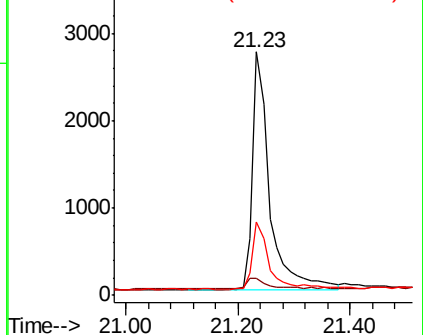
236 29.9 22.6 34.0



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: 0.457 ng

RT: 19.48 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BE100394.D

Acq: 5 Jul 2019 23:24

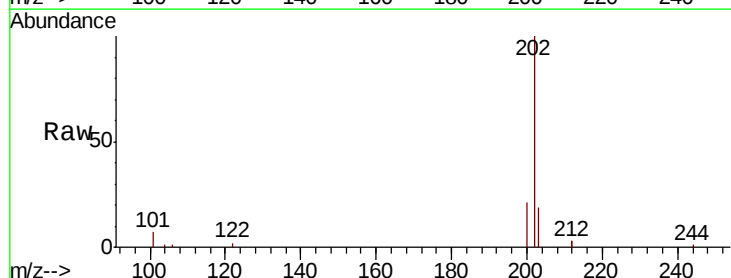
Tgt Ion:202 Resp: 6970

Ion Ratio Lower Upper

202 100

200 19.4 15.6 23.4

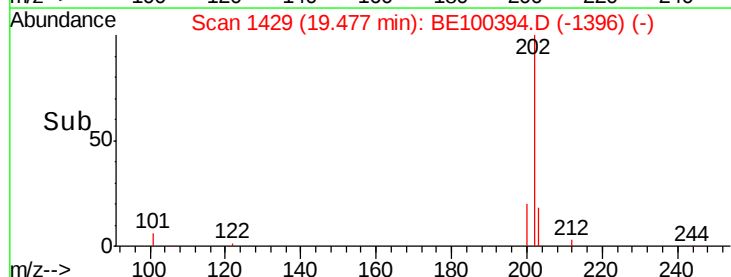
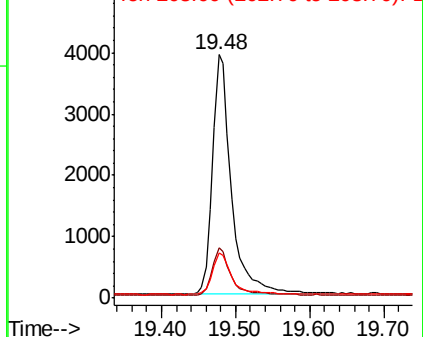
203 18.1 14.0 21.0



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: 0.424 ng

RT: 19.69 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BE100394.D

Acq: 5 Jul 2019 23:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

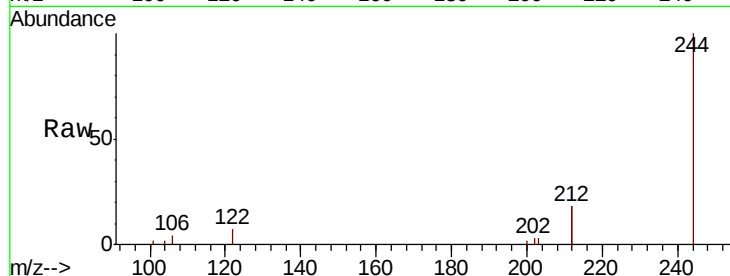
Tgt Ion:244 Resp: 5065

Ion Ratio Lower Upper

244 100

212 36.9 27.3 40.9

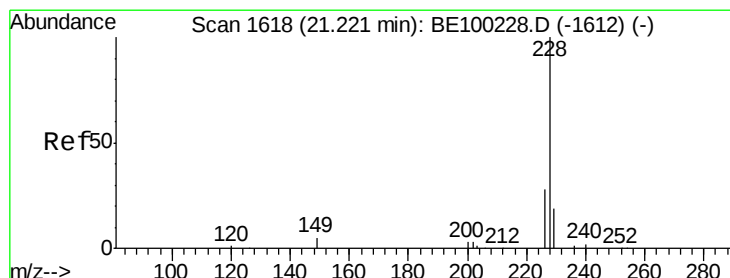
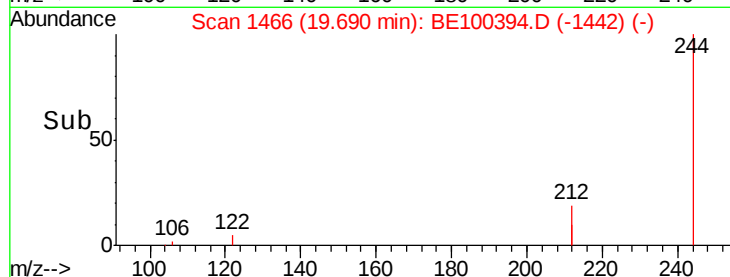
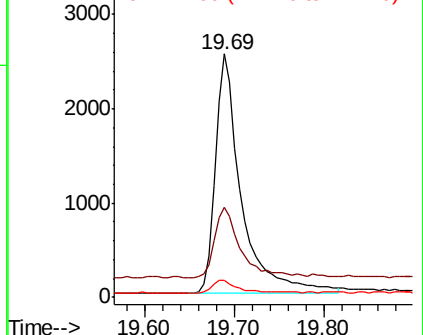
122 6.9 4.7 7.1



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: 0.359 ng

RT: 21.22 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE100394.D

Acq: 5 Jul 2019 23:24

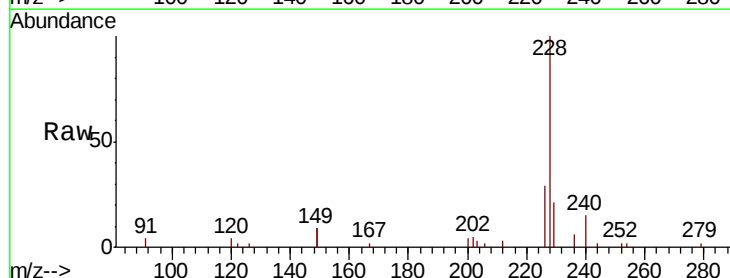
Tgt Ion:228 Resp: 6805

Ion Ratio Lower Upper

228 100

226 28.9 23.2 34.8

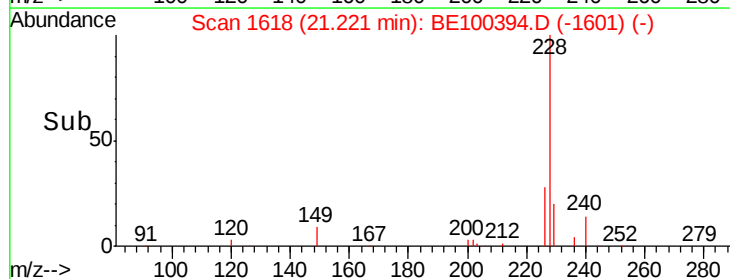
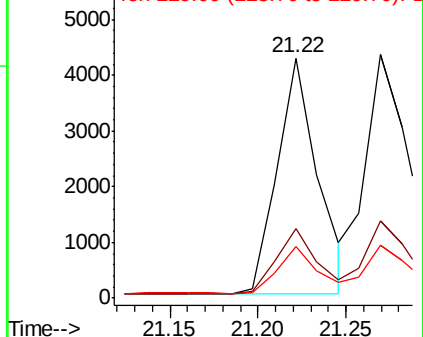
229 21.5 15.7 23.5

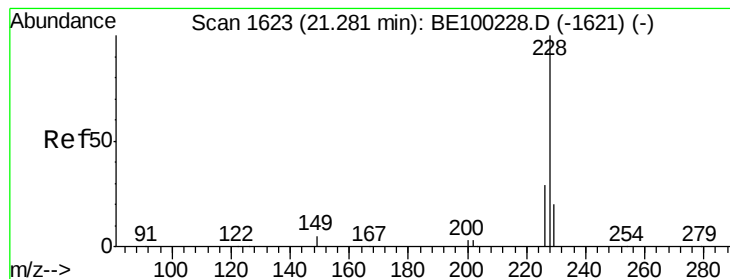


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.410 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE100394.D

Acq: 5 Jul 2019 23:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

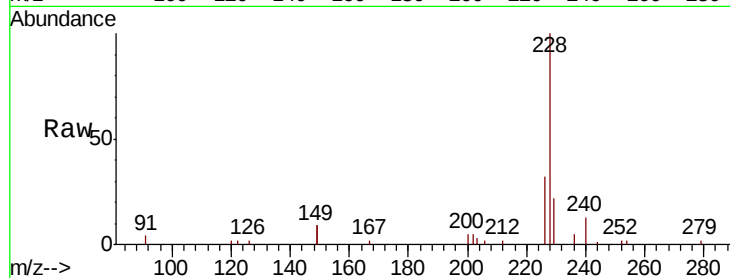
Tgt Ion:228 Resp: 7791

Ion Ratio Lower Upper

228 100

226 31.9 23.9 35.9

229 21.6 16.5 24.7

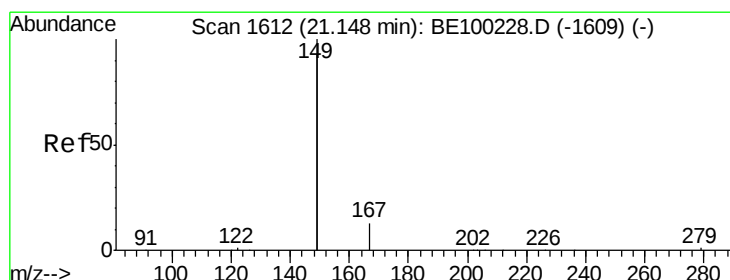
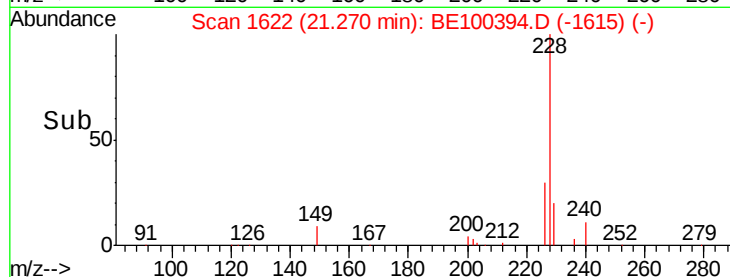
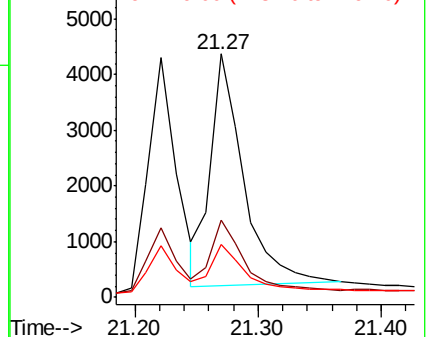


Abundance

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: 0.383 ng

RT: 21.14 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BE100394.D

Acq: 5 Jul 2019 23:24

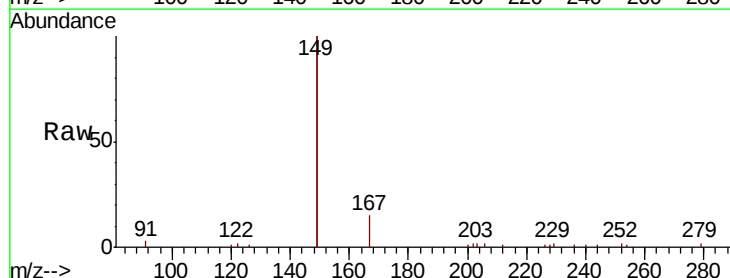
Tgt Ion:149 Resp: 11796

Ion Ratio Lower Upper

149 100

167 7.2 5.8 8.8

279 1.3 1.1 1.7

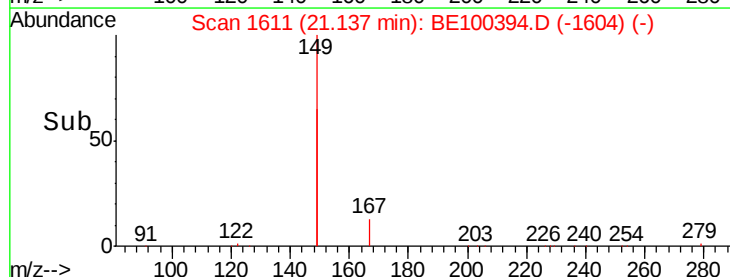
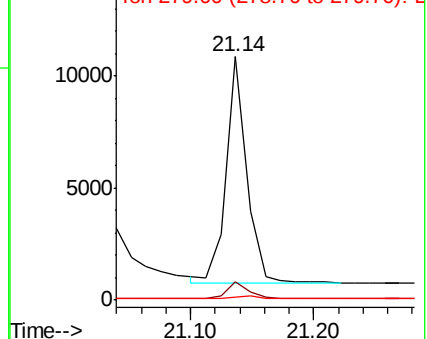


Abundance

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: 0.389 ng

RT: 26.21 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BE100394.D

Acq: 5 Jul 2019 23:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

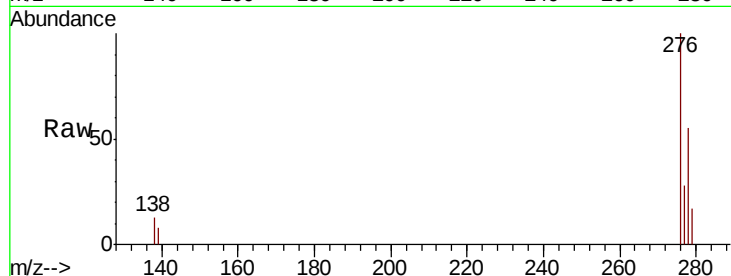
Tgt Ion:276 Resp: 9799

Ion Ratio Lower Upper

276 100

138 10.8 9.4 14.0

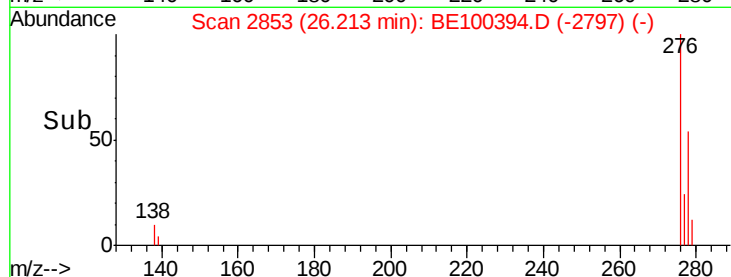
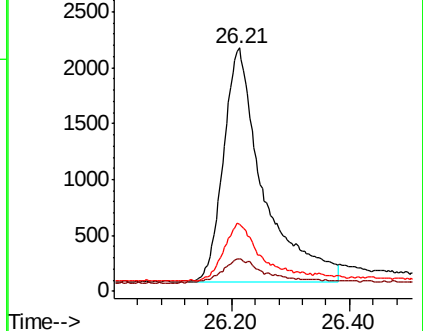
277 22.8 19.2 28.8



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: 23.66 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BE100394.D

Acq: 5 Jul 2019 23:24

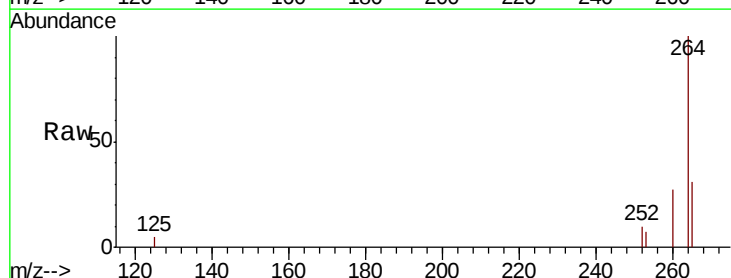
Tgt Ion:264 Resp: 7159

Ion Ratio Lower Upper

264 100

260 27.2 20.8 31.2

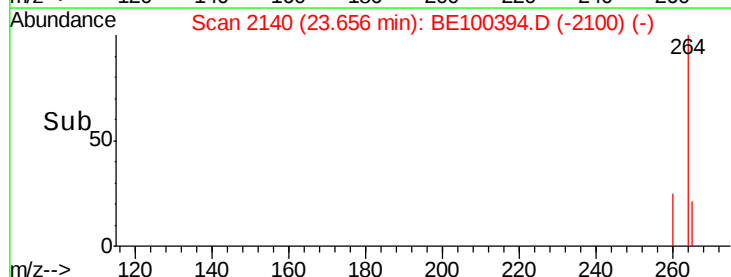
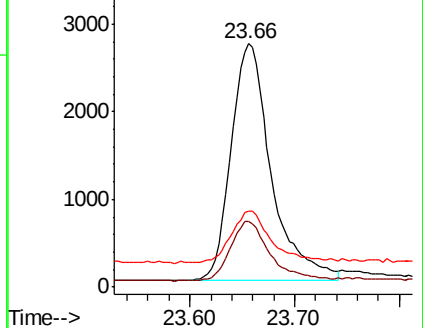
265 31.2 21.8 32.6



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

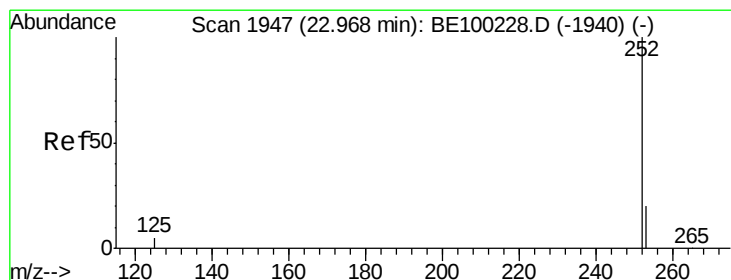
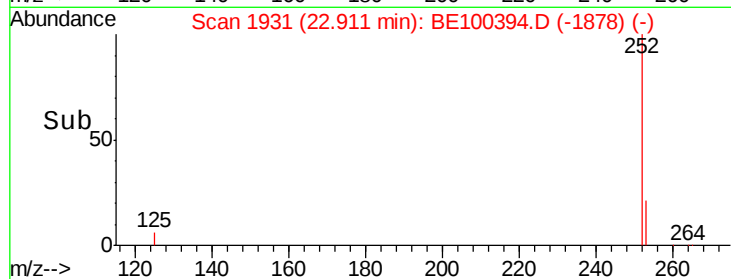
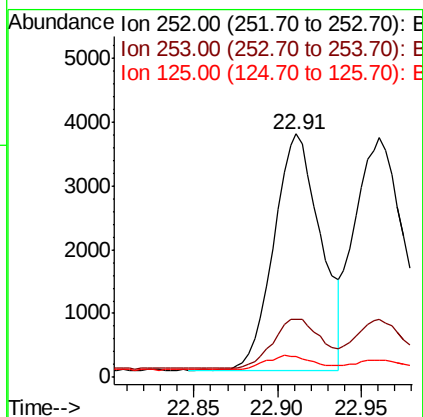
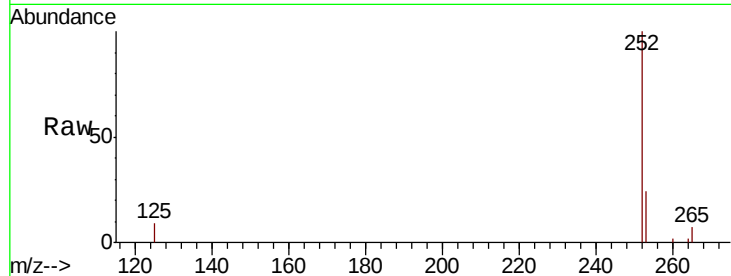




#35
Benzo(b)fluoranthene
Concen: 0.374 ng
RT: 22.91 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BE100394.D
Acq: 5 Jul 2019 23:24

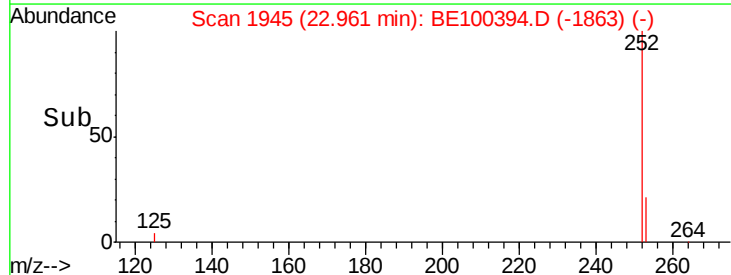
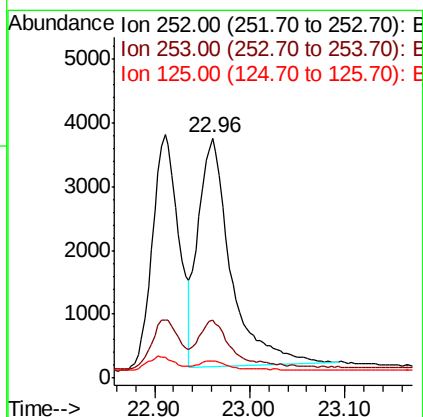
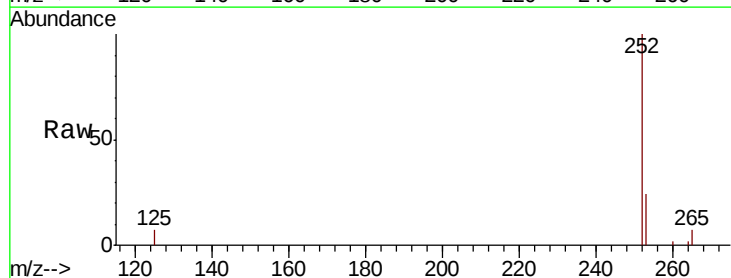
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

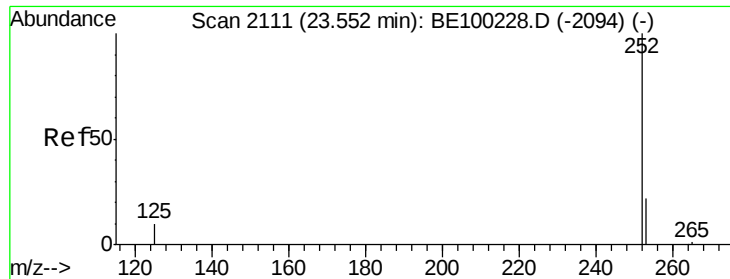
Tgt Ion:252 Resp: 7252
Ion Ratio Lower Upper
252 100
253 23.7 19.2 28.8
125 8.8 7.4 11.0



#36
Benzo(k)fluoranthene
Concen: 0.399 ng
RT: 22.96 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BE100394.D
Acq: 5 Jul 2019 23:24

Tgt Ion:252 Resp: 8655
Ion Ratio Lower Upper
252 100
253 24.3 17.9 26.9
125 7.2 5.0 7.4





#37

Benzo(a)pyrene

Concen: 0.389 ng

RT: 23.55 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BE100394.D

Acq: 5 Jul 2019 23:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

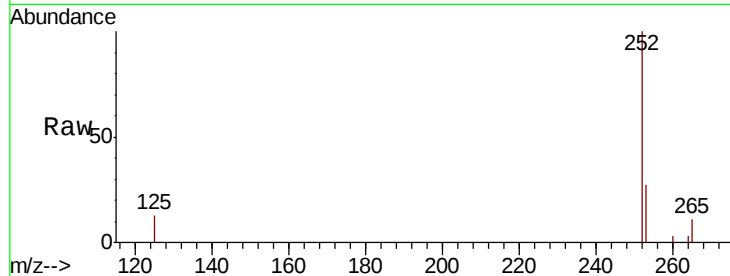
Tgt Ion:252 Resp: 7561

Ion Ratio Lower Upper

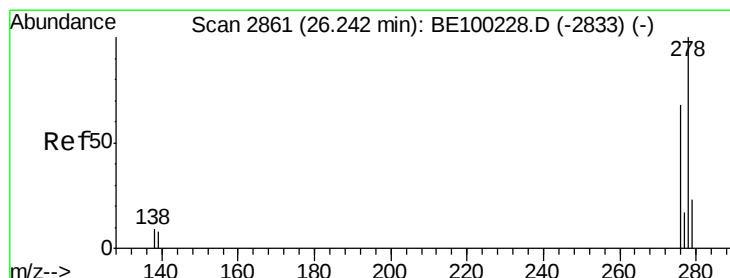
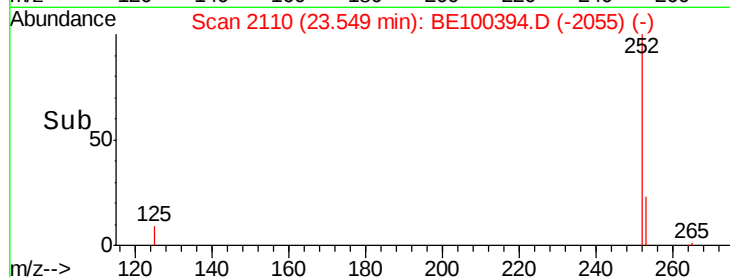
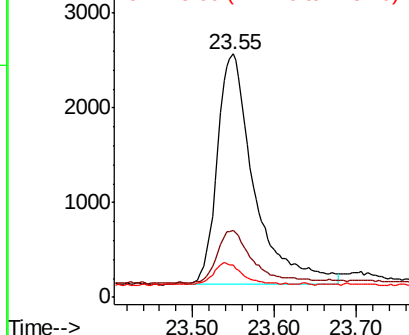
252 100

253 27.4 19.6 29.4

125 13.4 9.0 13.6



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



#38

Dibenzo(a,h)anthracene

Concen: 0.376 ng

RT: 26.23 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BE100394.D

Acq: 5 Jul 2019 23:24

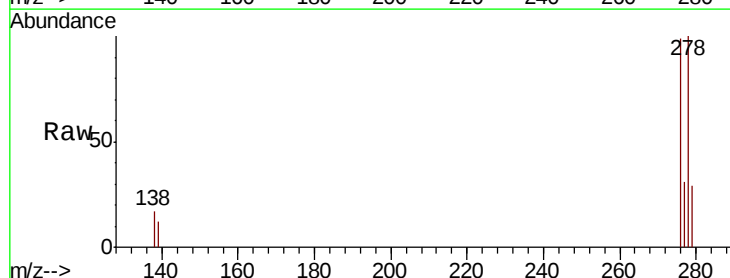
Tgt Ion:278 Resp: 7640

Ion Ratio Lower Upper

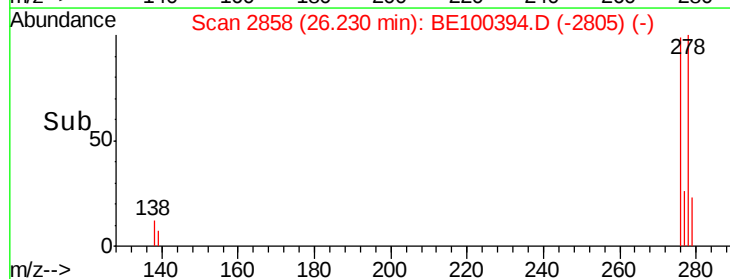
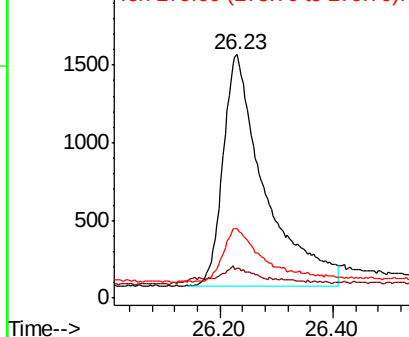
278 100

139 12.2 8.2 12.2

279 28.8 20.3 30.5



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(g,h,i)perylene

Concen: 0.411 ng

RT: 26.99 min Scan# 3071

Delta R.T. -0.01 min

Lab File: BE100394.D

Acq: 5 Jul 2019 23:24

Instrument :

BNA_N

ClientSampleId :

SSTDCCC0.4

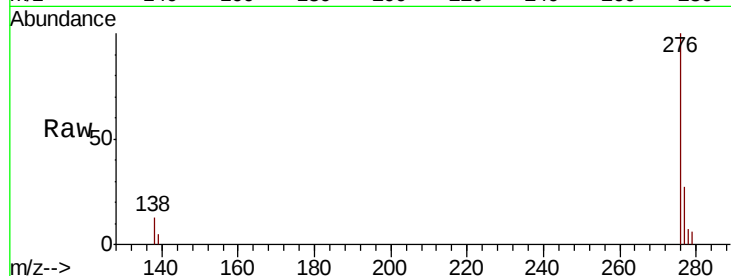
Tgt Ion: 276 Resp: 8577

Ion Ratio Lower Upper

276 100

277 27.1 20.2 30.2

138 12.8 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

