

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_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jul 05 23:58:41 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

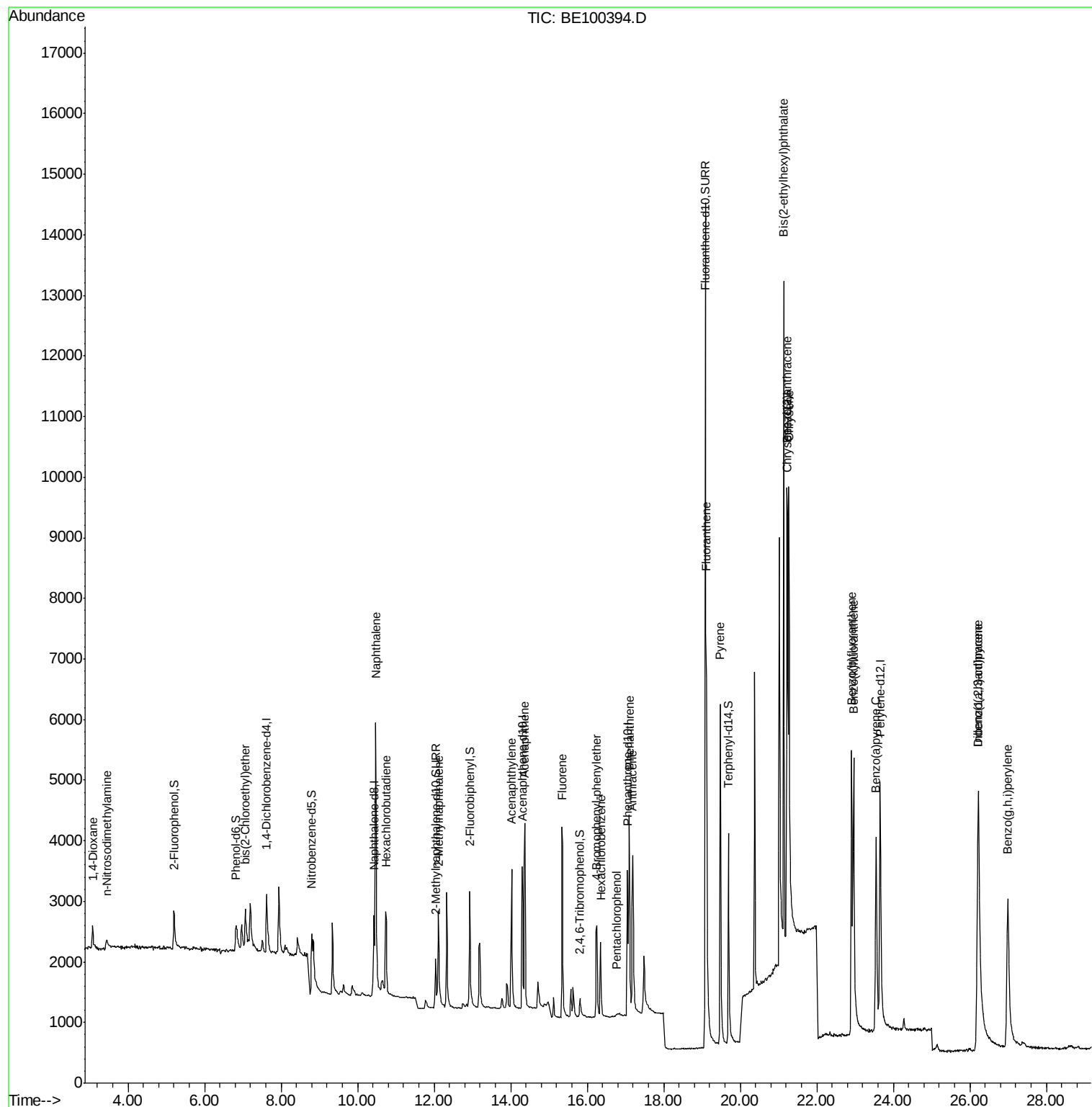
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.07	88	390	0.392	ng	# 88
3) n-Nitrosodimethylamine	3.44	42	190	0.409	ng	# 69
6) bis(2-Chloroethyl)ether	7.07	93	597	0.337	ng	# 73
9) Naphthalene	10.47	128	9667	0.391	ng	99
10) Hexachlorobutadiene	10.73	225	1114	0.468	ng	98
12) 2-Methylnaphthalene	12.11	142	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

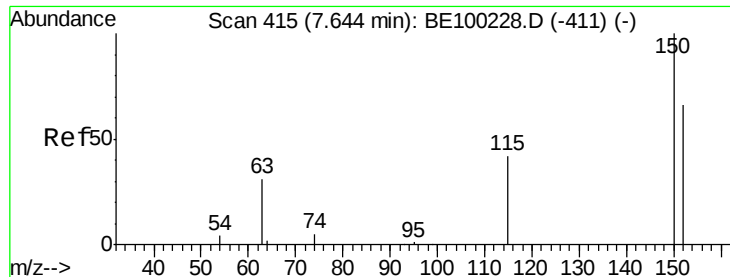
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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_E

ClientSampleId :

SSTDCCC0.4

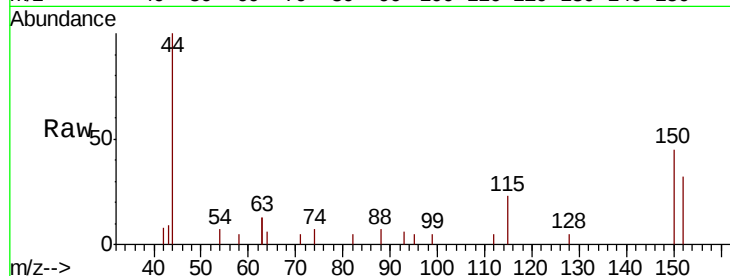
Tot Ion:152 Resp: 642

Ion Ratio Lower Upper

152 100

150 140.1 114.5 171.7

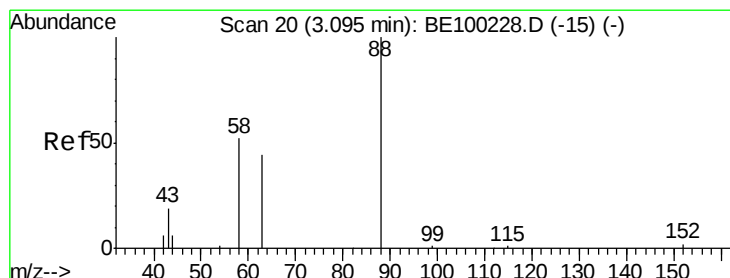
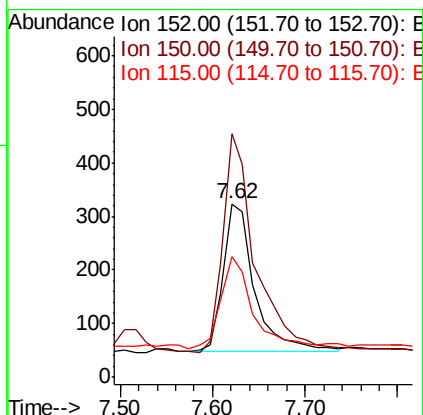
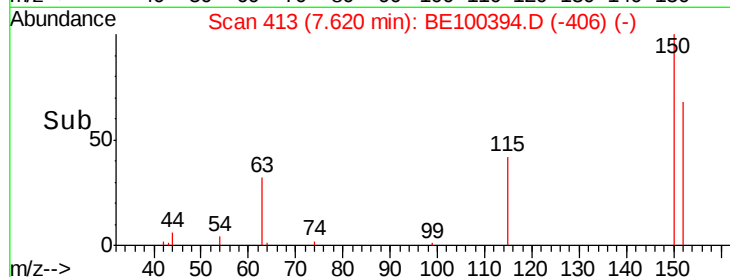
115 69.8 57.1 85.7



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

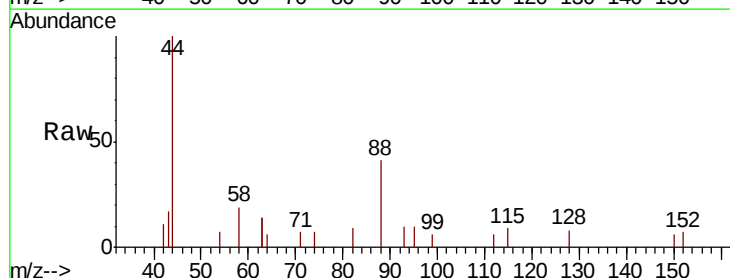
Tgt Ion: 88 Resp: 390

Ion Ratio Lower Upper

88 100

58 47.2 43.6 65.4

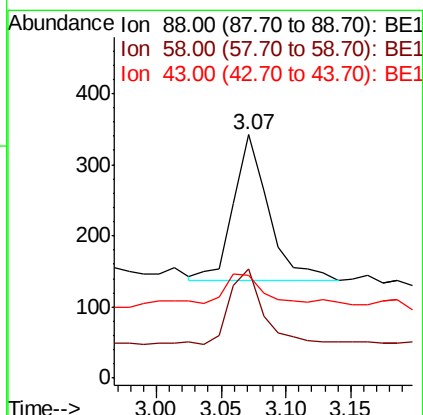
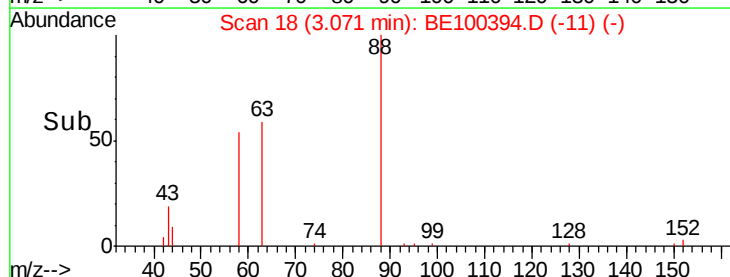
43 19.0 21.4 32.0#

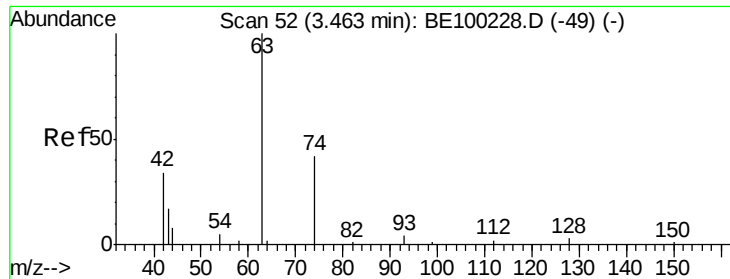


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1



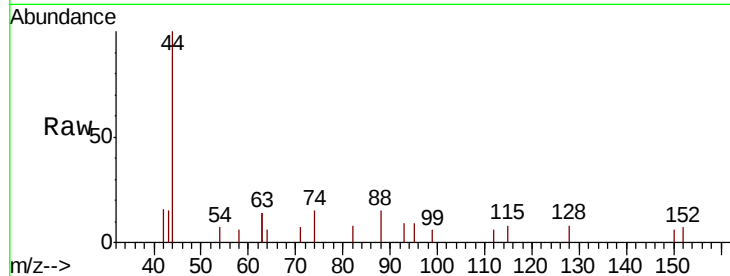


#3

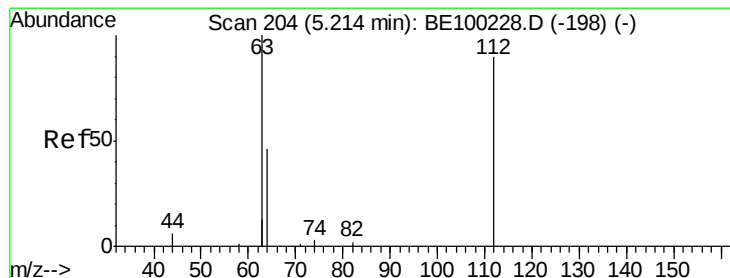
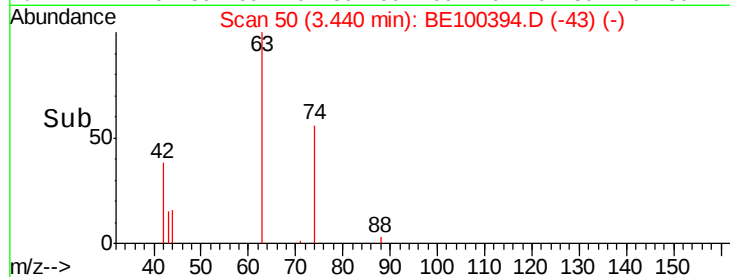
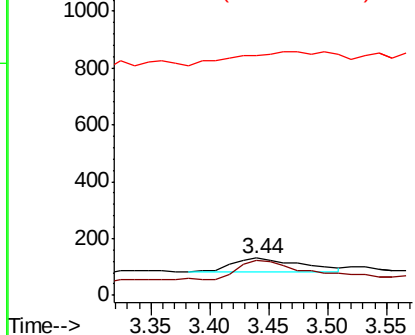
n-Nitrosodimethylamine
 Concen: 0.409 ng
 RT: 3.44 min Scan# 50
 Delta R.T. -0.02 min
 Lab File: BE100394.D
 Acq: 5 Jul 2019 23:24

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion: 42 Resp: 190
 Ion Ratio Lower Upper
 42 100
 74 137.4 130.6 196.0
 44 0.0 38.0 57.0#



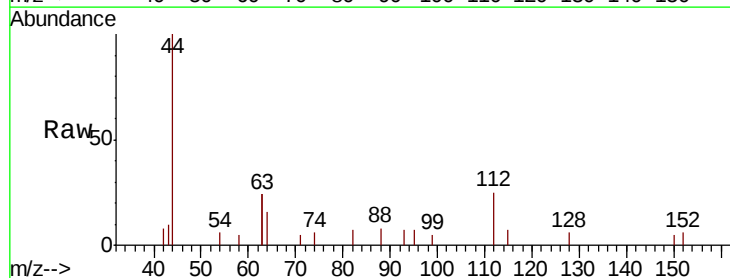
Abundance Ion 42.00 (41.70 to 42.70): BE1
 Ion 74.00 (73.70 to 74.70): BE1
 Ion 44.00 (43.70 to 44.70): BE1



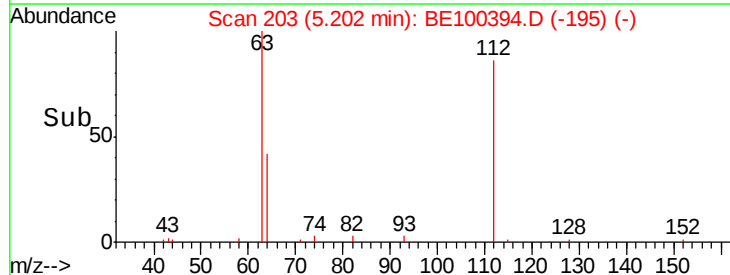
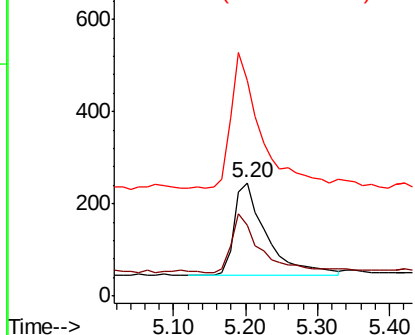
#4

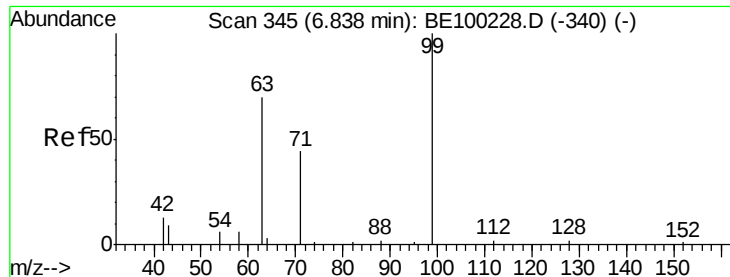
2-Fluorophenol
 Concen: 0.390 ng
 RT: 5.20 min Scan# 203
 Delta R.T. -0.01 min
 Lab File: BE100394.D
 Acq: 5 Jul 2019 23:24

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_E

ClientSampleId :

SSTDCCC0.4

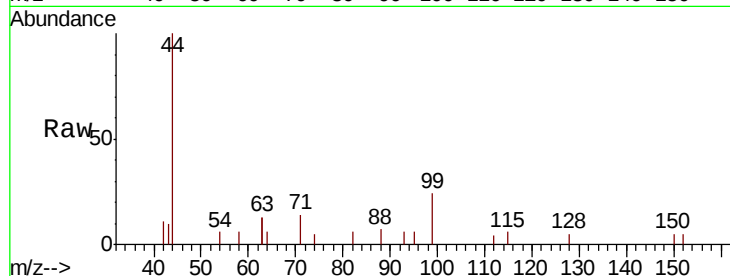
Tot Ion: 99 Resp: 830

Ion Ratio Lower Upper

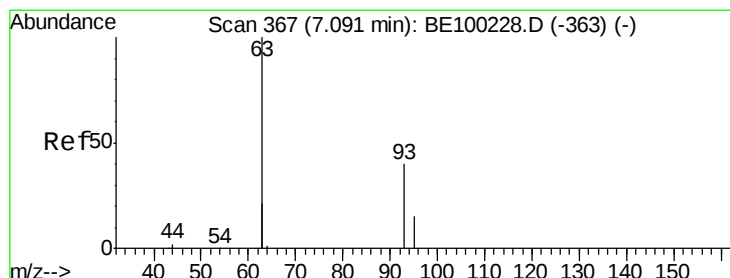
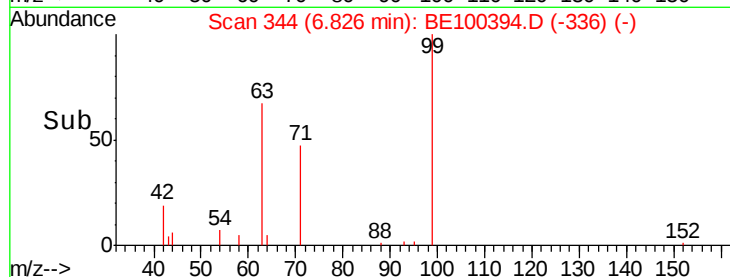
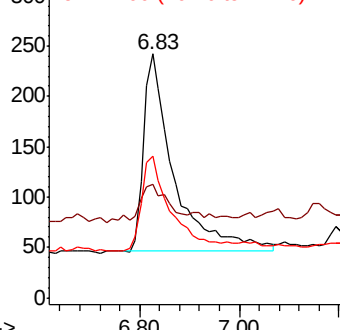
99 100

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

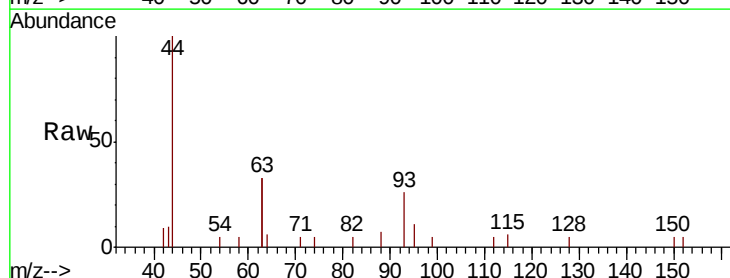
Tgt Ion: 93 Resp: 597

Ion Ratio Lower Upper

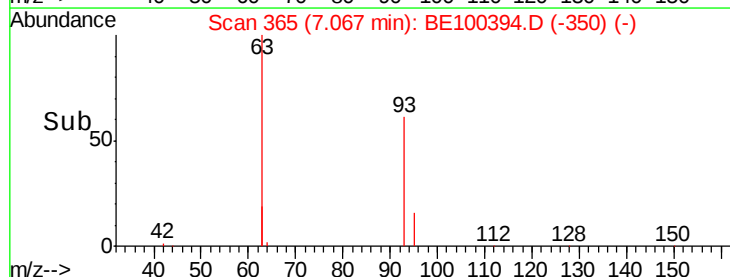
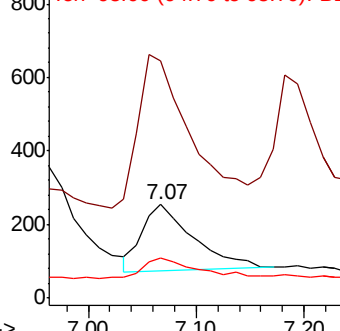
93 100

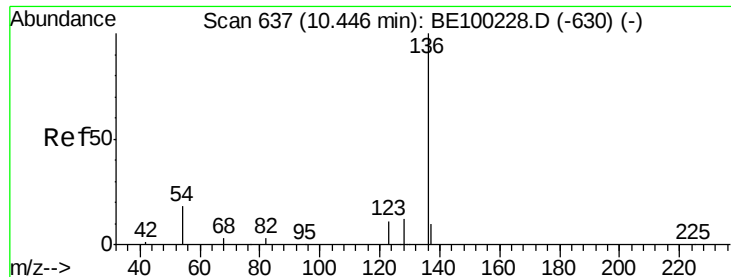
63 238.4 155.6 233.4#

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_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 2241

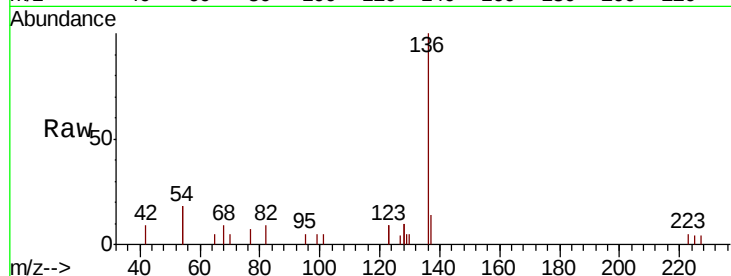
Ion Ratio Lower Upper

136 100

137 14.4 11.8 17.8

54 36.3 27.7 41.5

68 8.7 6.8 10.2

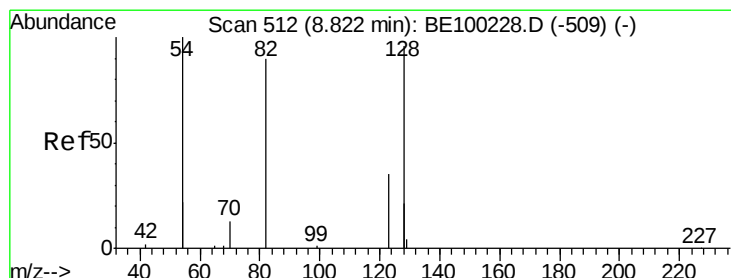
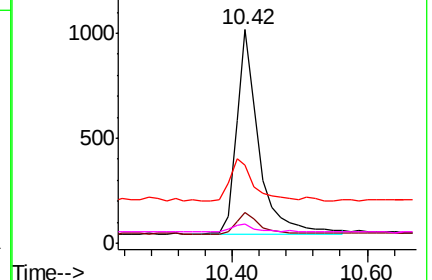
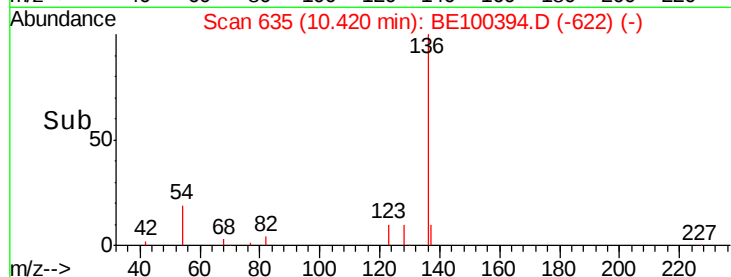


Abundance Ion 136.00 (135.70 to 136.70): E

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

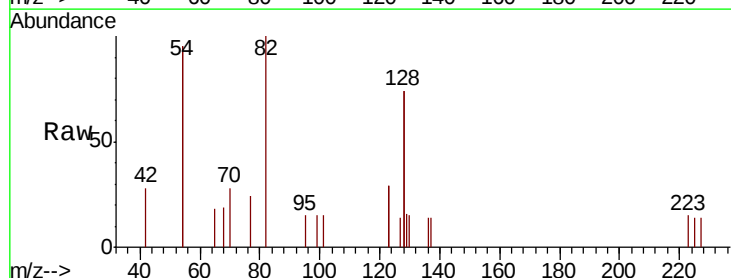
Tgt Ion: 82 Resp: 731

Ion Ratio Lower Upper

82 100

128 148.6 140.9 211.3

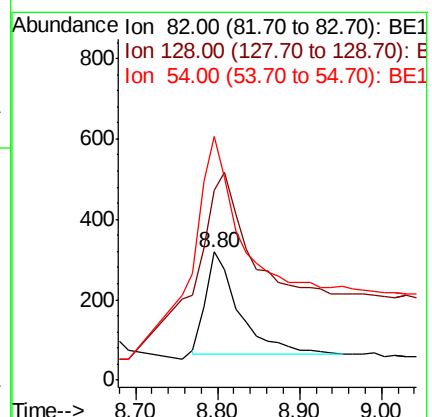
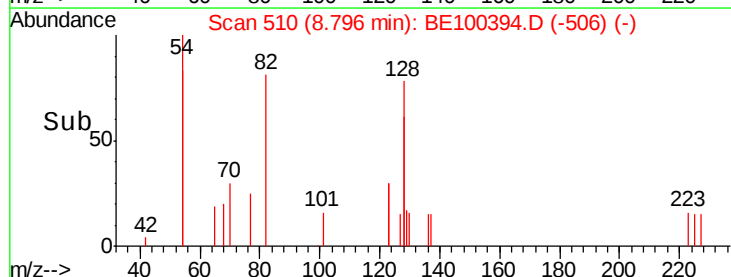
54 190.0 146.2 219.2

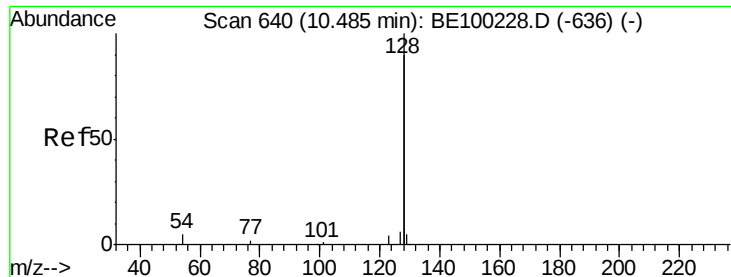


Abundance Ion 82.00 (81.70 to 82.70): BE1

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 :

BNA_E

ClientSampleId :

SSTDCCC0.4

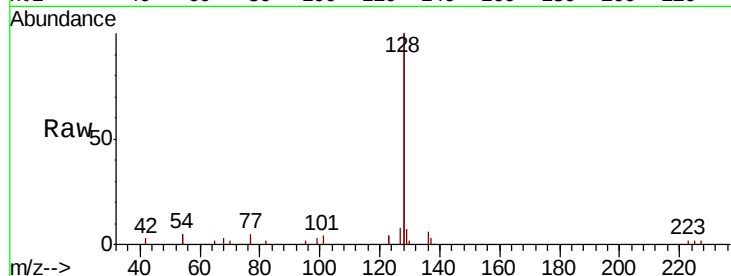
Tot Ion:128 Resp: 9667

Ion Ratio Lower Upper

128 100

129 3.7 3.0 4.6

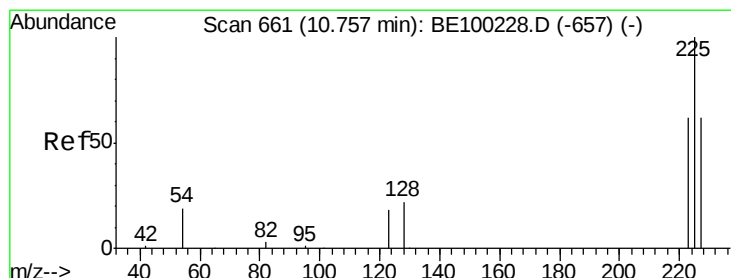
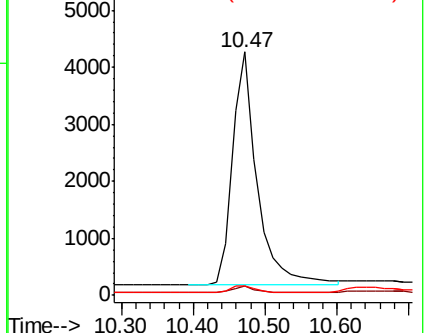
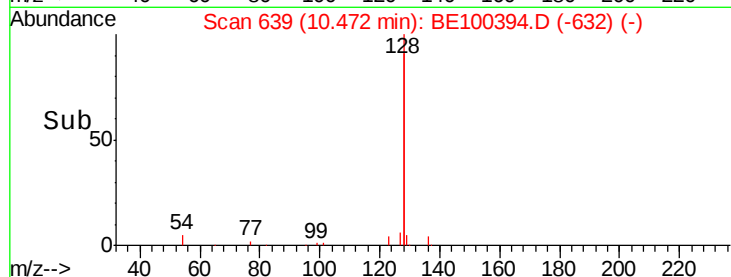
127 4.0 3.5 5.3



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

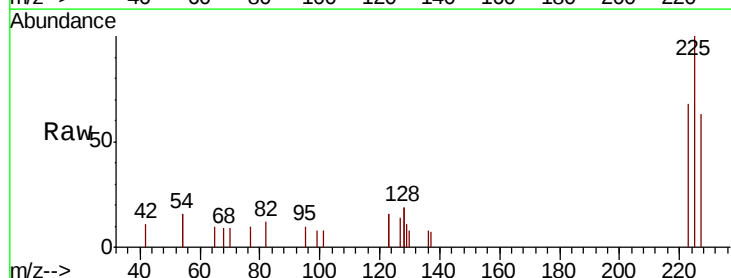
Tgt Ion:225 Resp: 1114

Ion Ratio Lower Upper

225 100

223 62.7 49.1 73.7

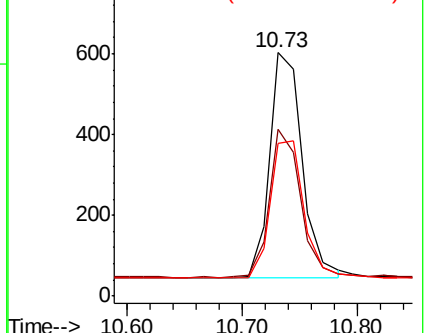
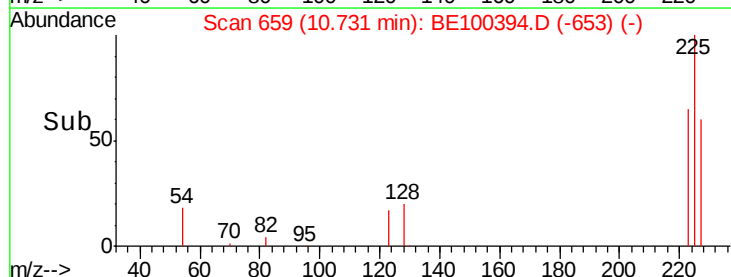
227 63.0 49.3 73.9

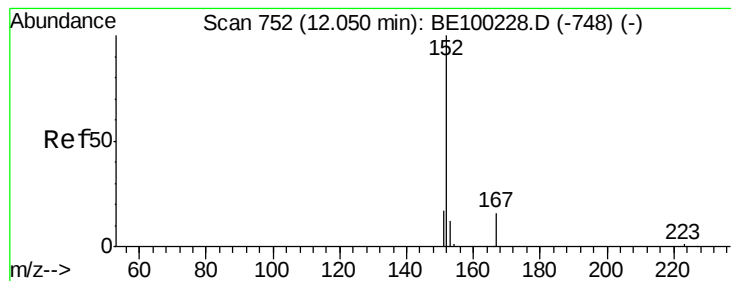


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

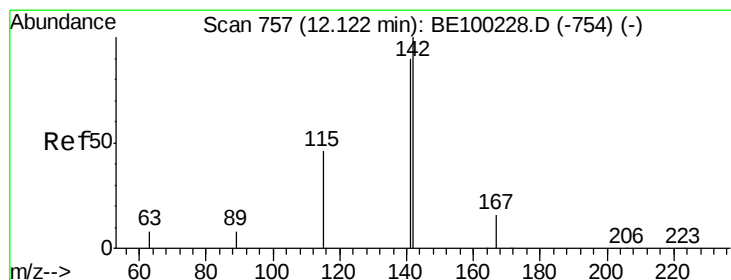
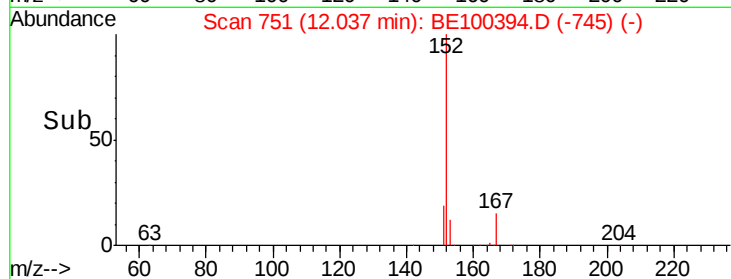
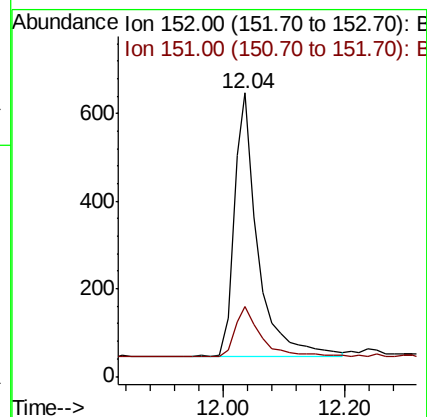
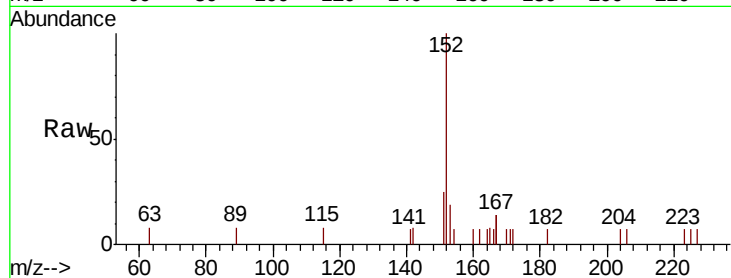




#11
2-Methylnaphthalene-d10
Concen: 0.384 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100394.D
Acq: 5 Jul 2019 23:24

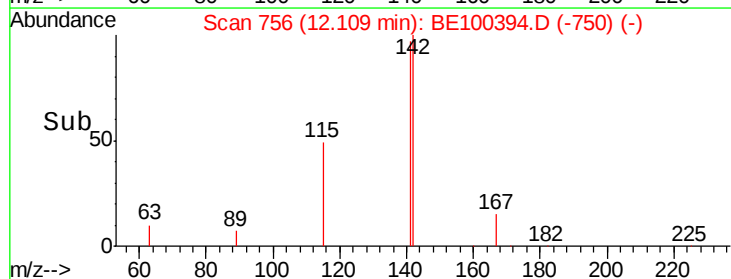
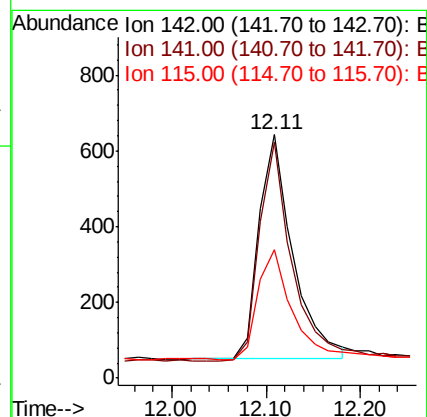
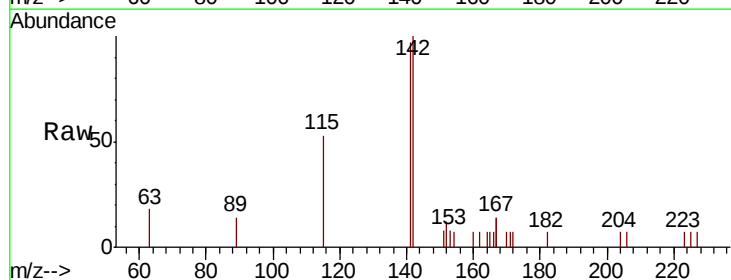
Instrument :
BNA_E
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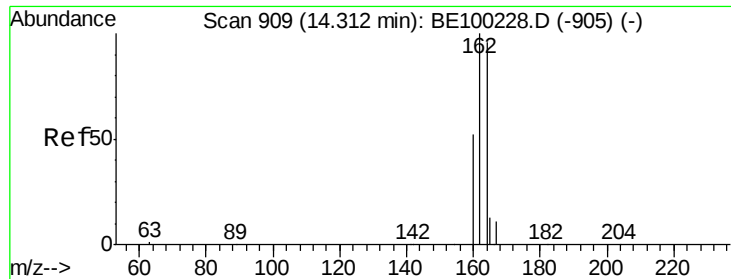
Tot Ion:152 Resp: 1620
Ion Ratio Lower Upper
152 100
151 21.7 15.1 22.7



#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

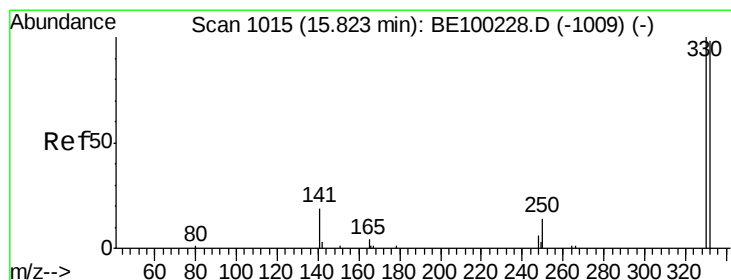
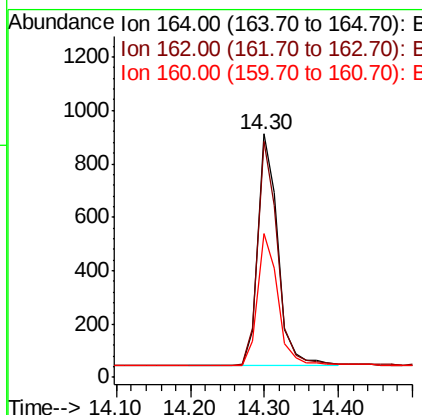
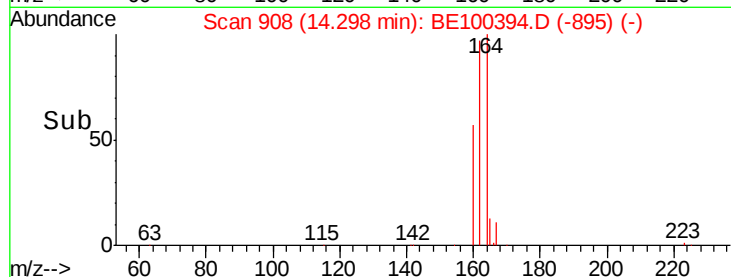
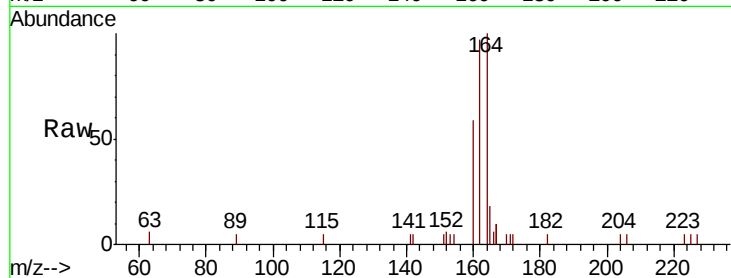




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 908
Delta R.T. -0.01 min
Lab File: BE100394.D
Acq: 5 Jul 2019 23:24

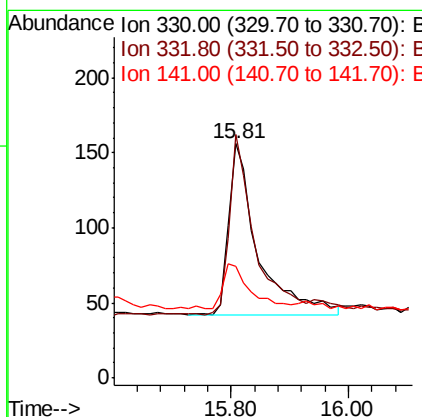
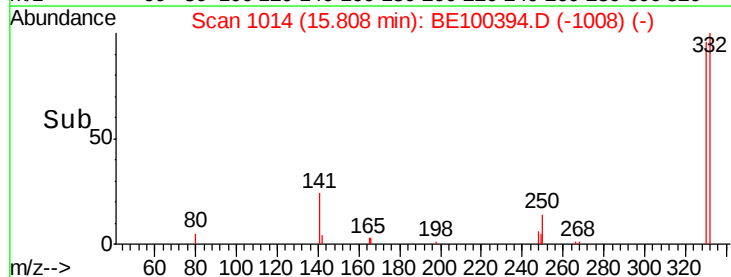
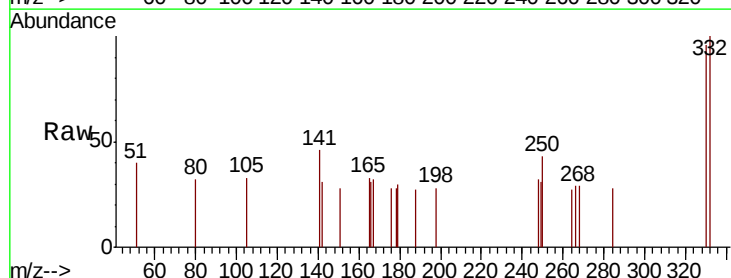
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

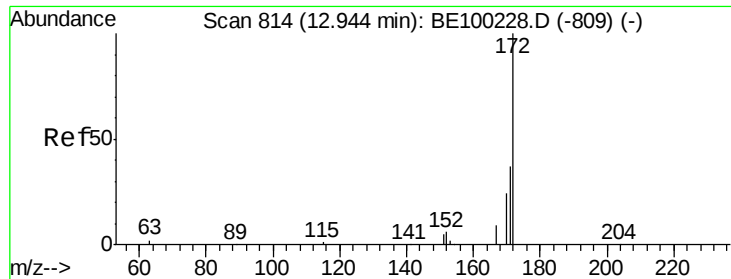
Tot Ion:164 Resp: 1631
Ion Ratio Lower Upper
164 100
162 96.7 83.4 125.0
160 59.0 45.0 67.6



#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

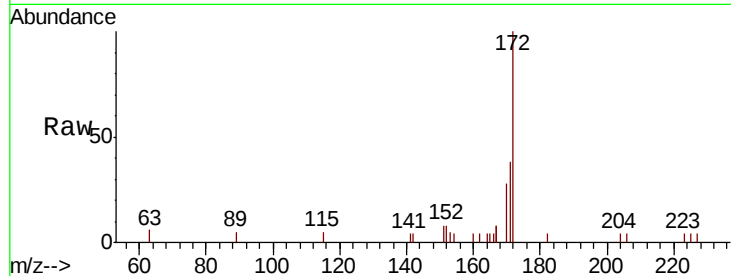




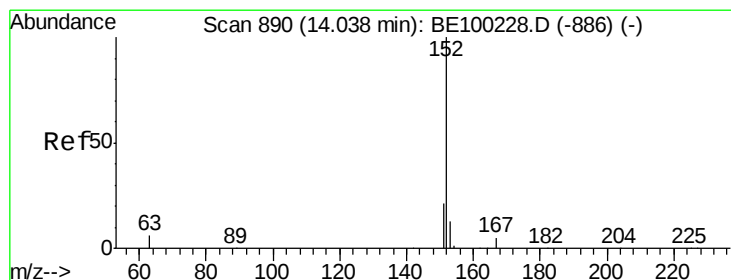
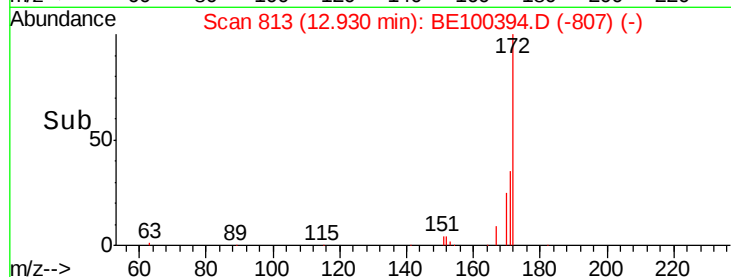
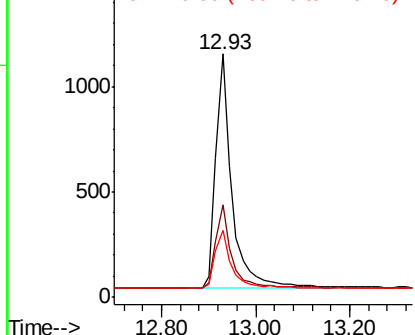
#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100394.D
Acq: 5 Jul 2019 23:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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

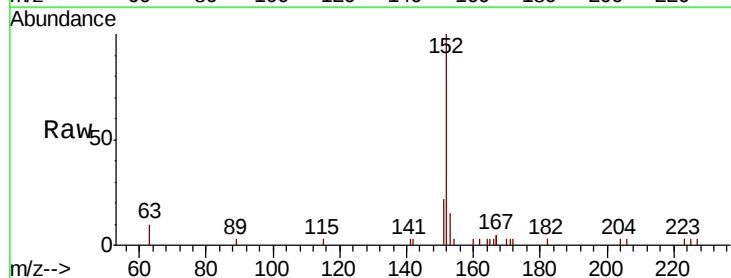


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

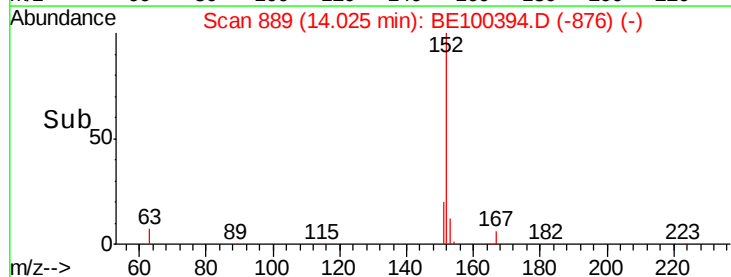
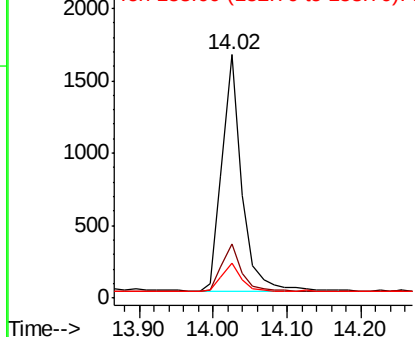


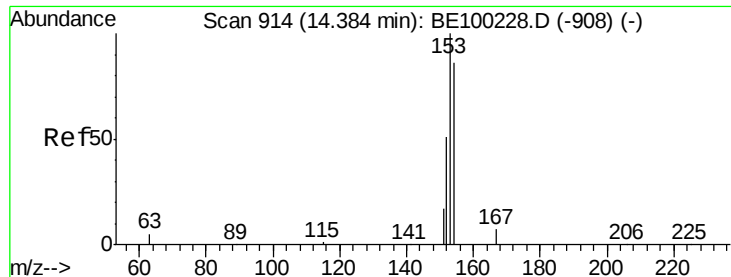
#16
Acenaphthylene
Concen: 0.386 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100394.D
Acq: 5 Jul 2019 23:24

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

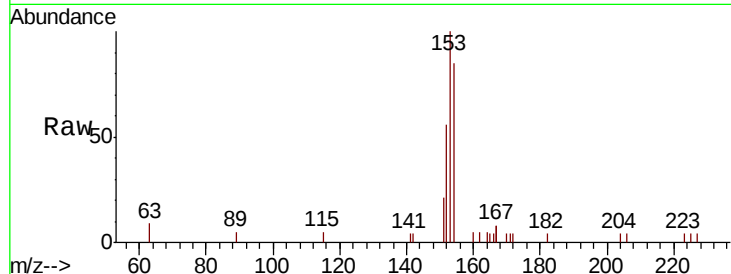




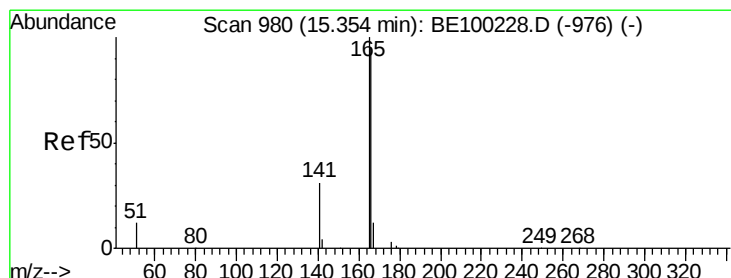
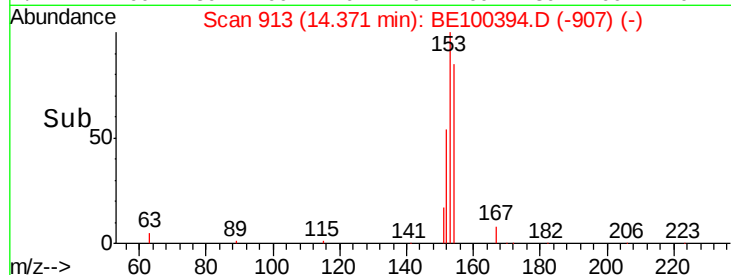
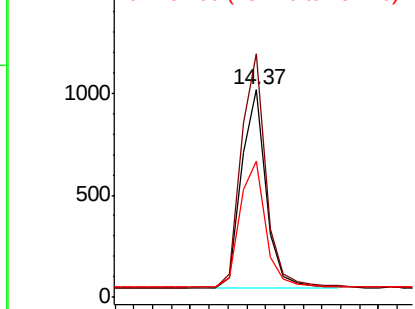
#17
Acenaphthene
Concen: 0.396 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100394.D
Acq: 5 Jul 2019 23:24

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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

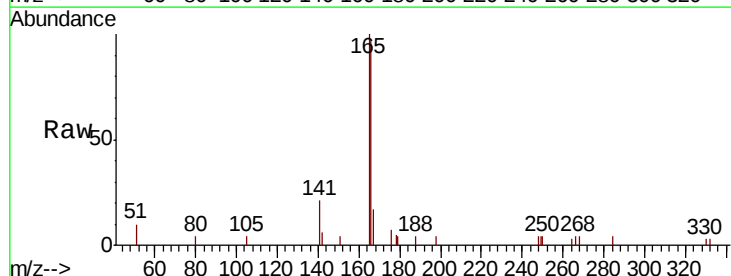


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

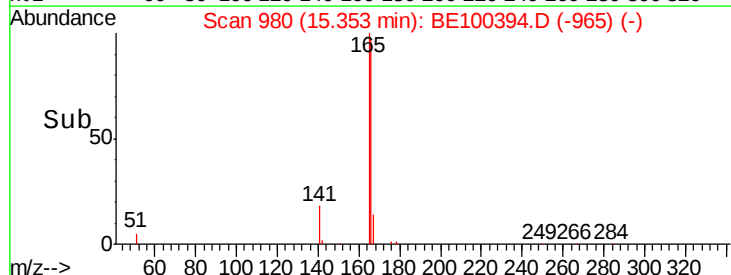
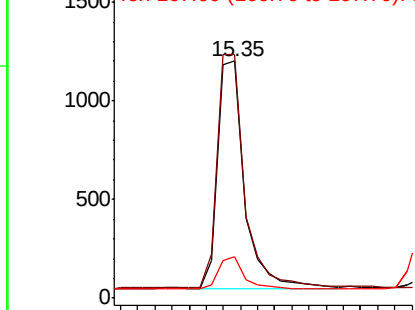


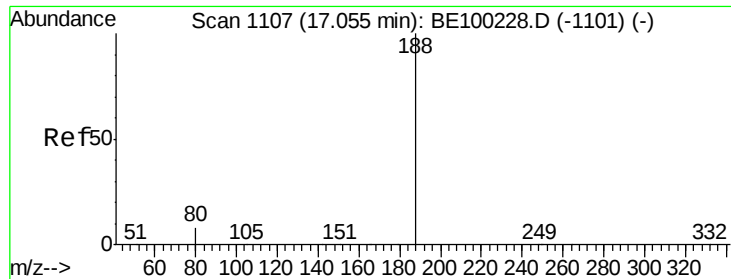
#18
Fluorene
Concen: 0.385 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100394.D
Acq: 5 Jul 2019 23:24

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_E

ClientSampleId :

SSTDCCC0.4

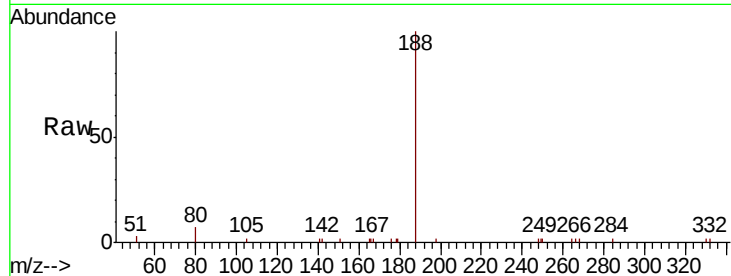
Tot Ion:188 Resp: 4865

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

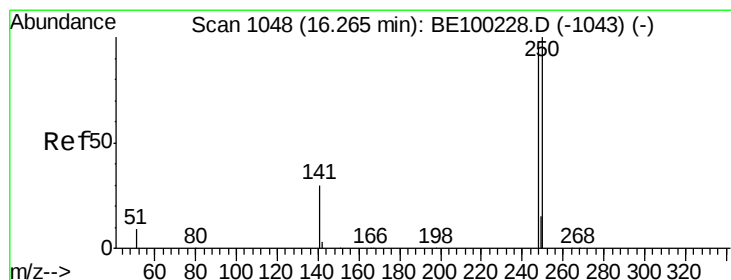
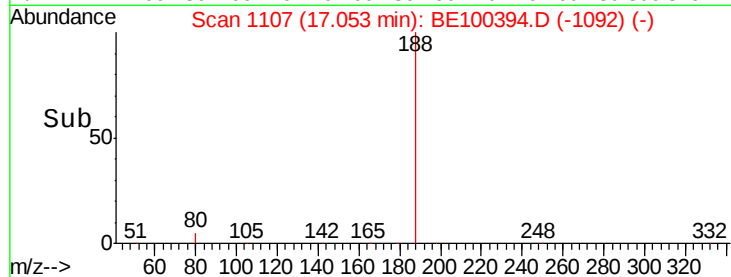
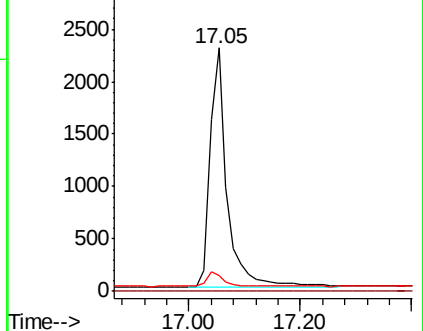
80 6.6 7.6 11.4#



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

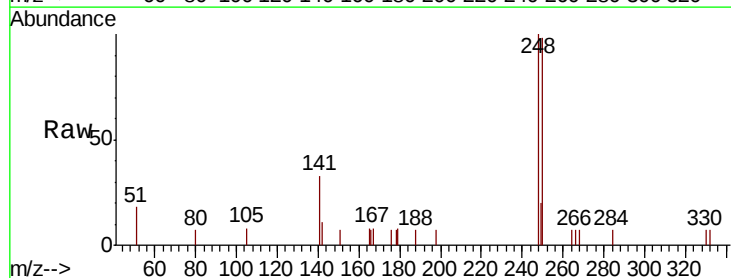
Tgt Ion:248 Resp: 1309

Ion Ratio Lower Upper

248 100

250 98.1 84.2 126.4

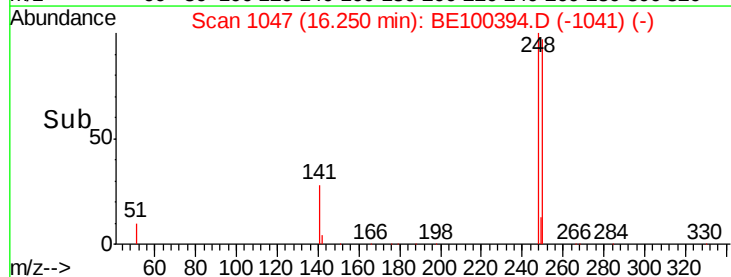
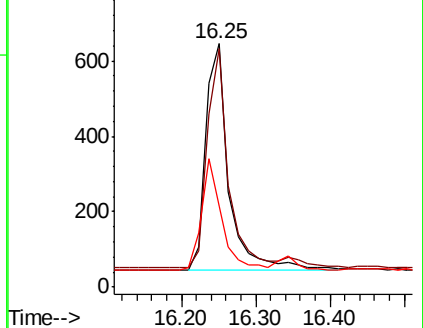
141 33.4 29.3 43.9

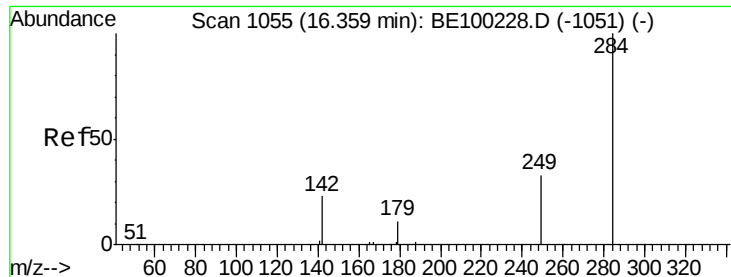


Abundance Ion 248.00 (247.70 to 248.70): E

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_E

ClientSampleId :

SSTDCCC0.4

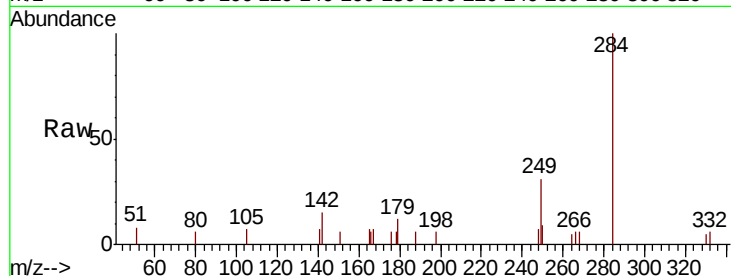
Tot Ion:284 Resp: 1374

Ion Ratio Lower Upper

284 100

142 23.1 18.8 28.2

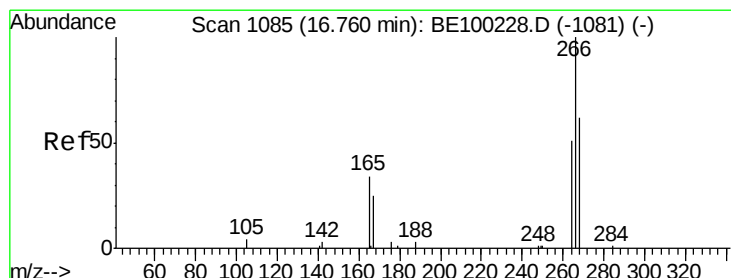
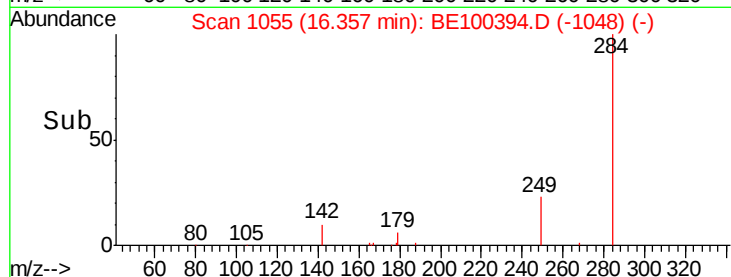
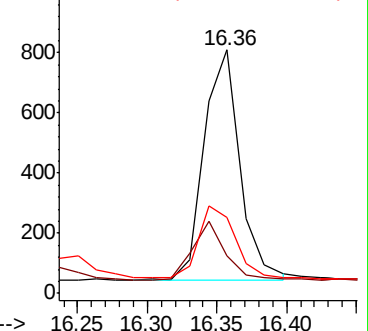
249 31.2 23.7 35.5



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

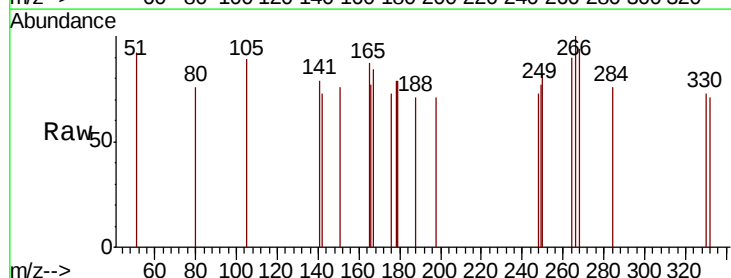
Tgt Ion:266 Resp: 98

Ion Ratio Lower Upper

266 100

264 90.3 56.2 84.2#

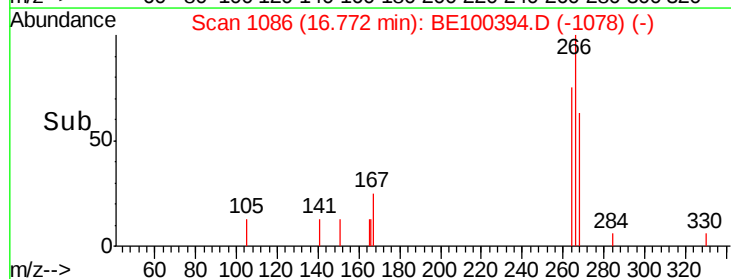
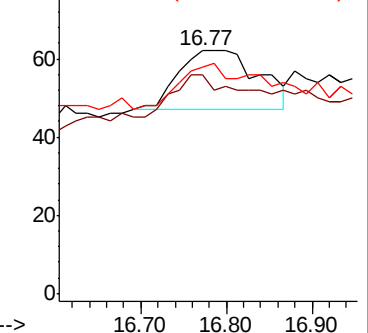
268 93.5 61.8 92.6#

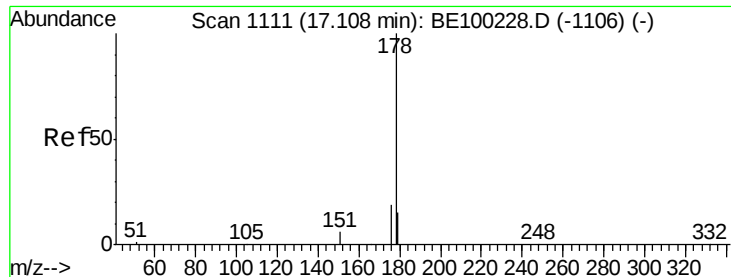


Abundance Ion 266.00 (265.70 to 266.70): E

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_E

ClientSampleId :

SSTDCCC0.4

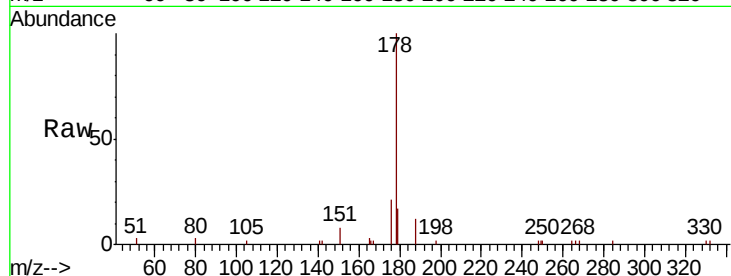
Tot Ion:178 Resp: 4378

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

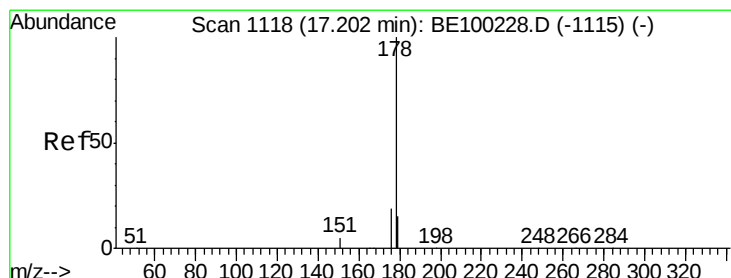
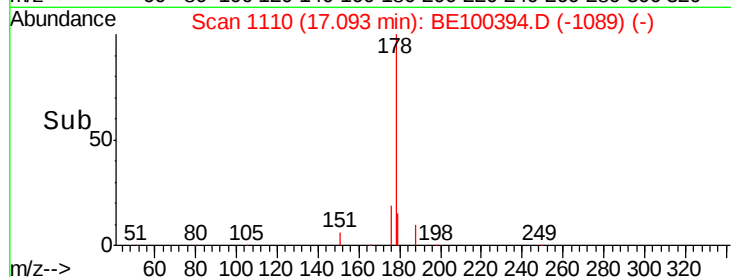
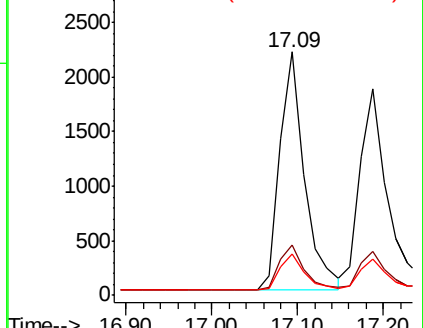
179 15.7 12.2 18.2



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

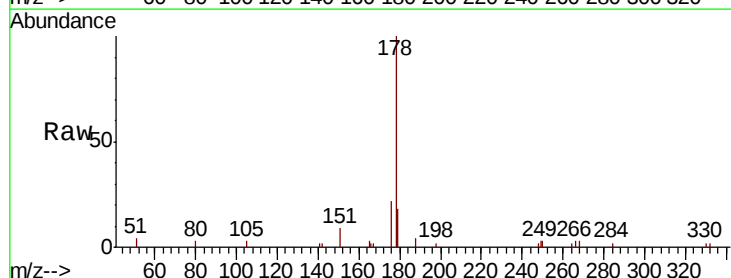
Tgt Ion:178 Resp: 3819

Ion Ratio Lower Upper

178 100

176 19.8 15.3 22.9

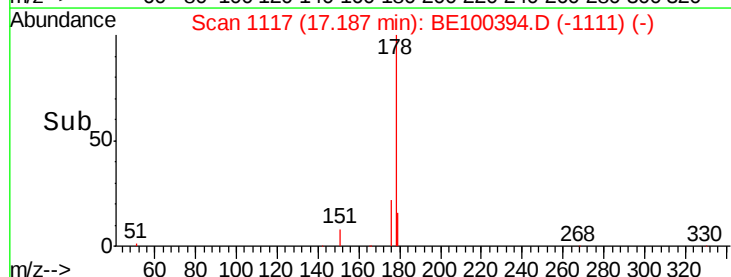
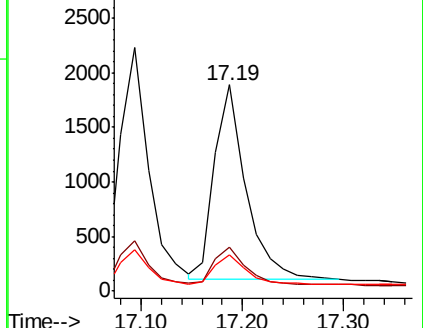
179 15.9 12.2 18.2

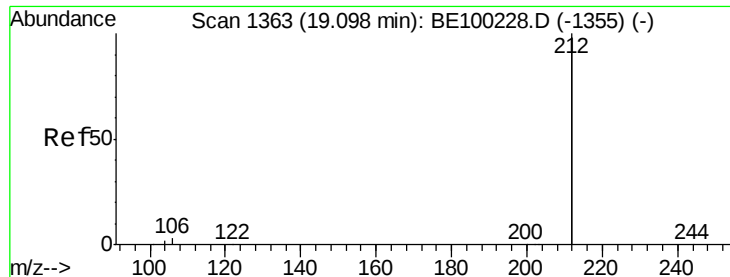


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

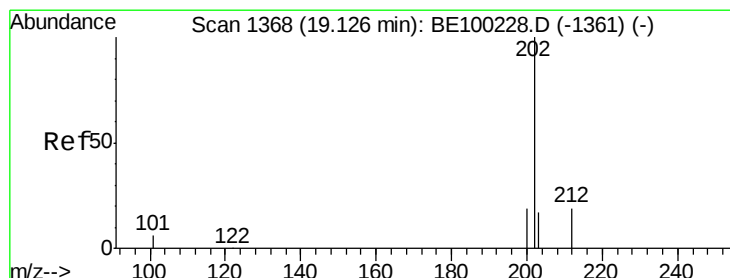
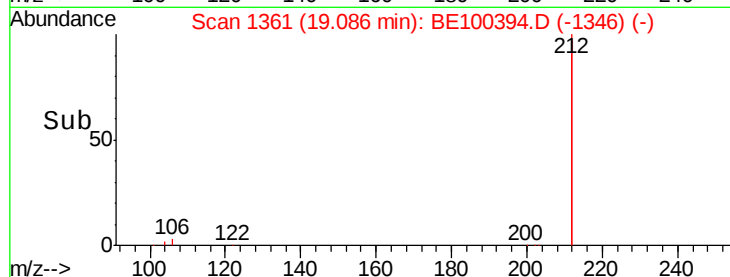
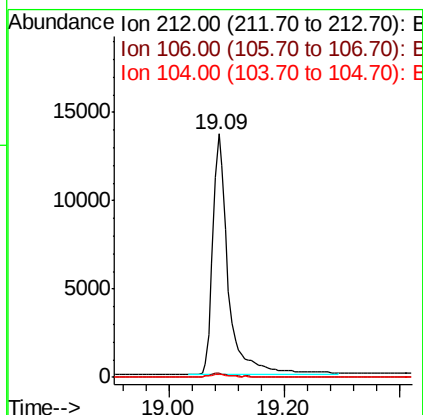
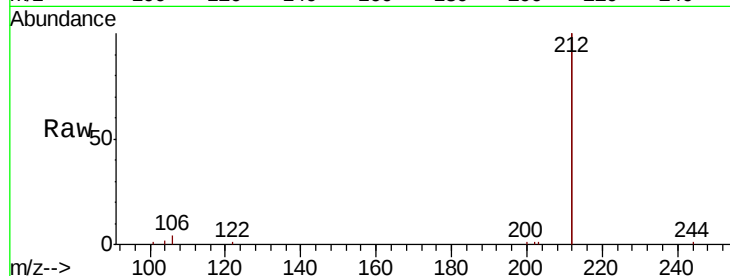




#25
 Fluoranthene-d10
 Concen: 0.360 ng
 RT: 19.09 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BE100394.D
 Acq: 5 Jul 2019 23:24

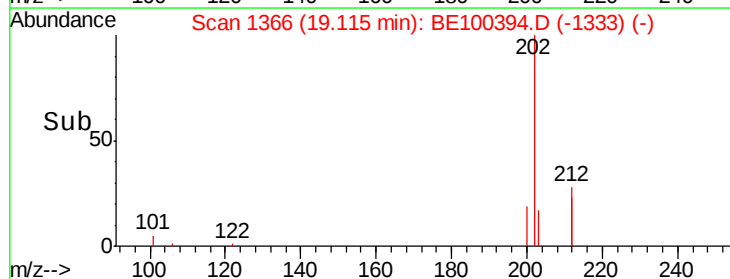
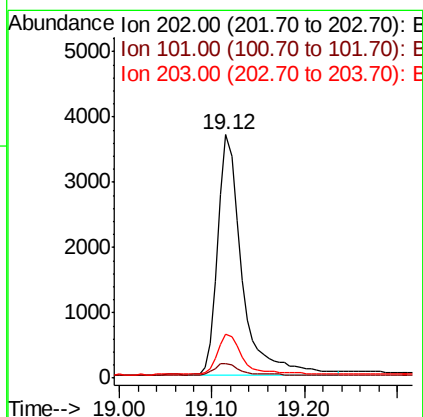
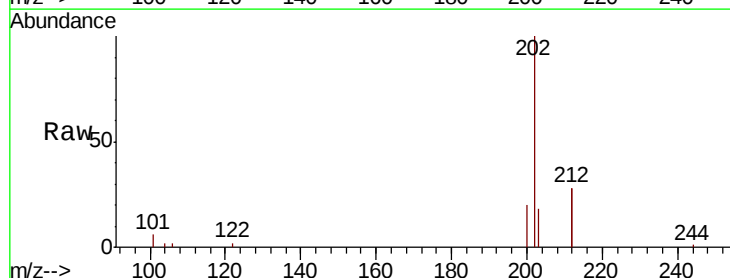
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

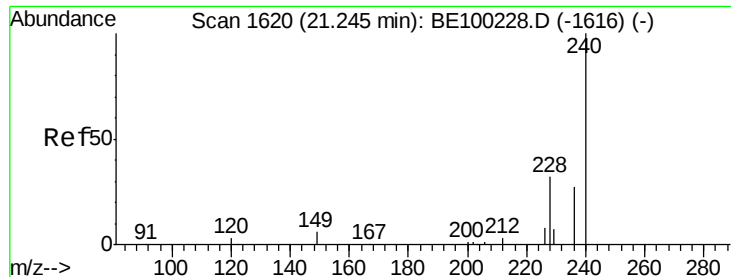
Tot Ion:212 Resp: 25387
 Ion Ratio Lower Upper
 212 100
 106 1.4 1.3 1.9
 104 0.8 0.8 1.2



#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

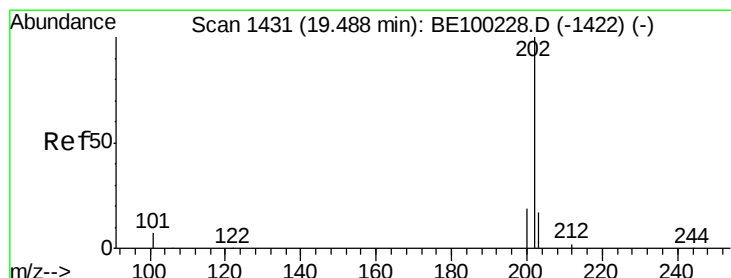
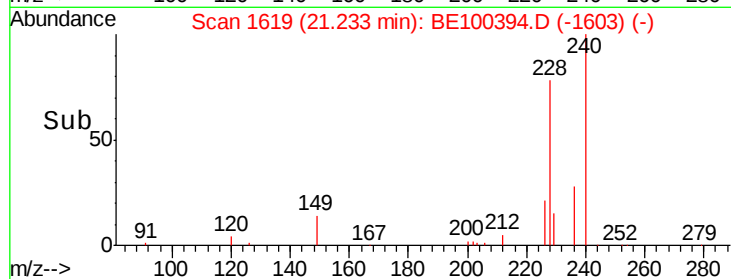
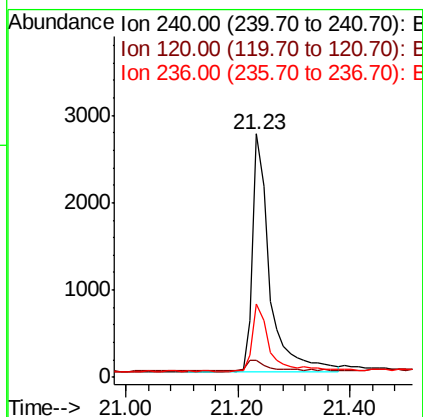
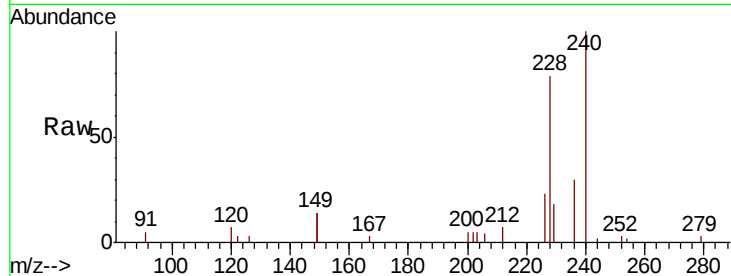




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100394.D
Acq: 5 Jul 2019 23:24

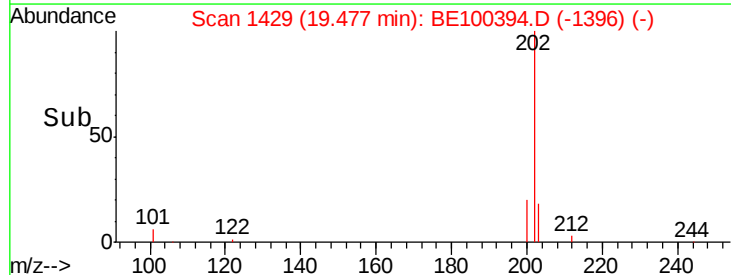
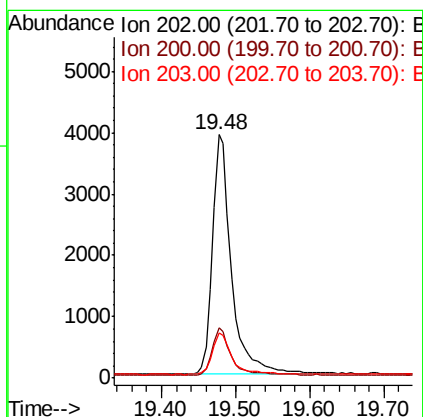
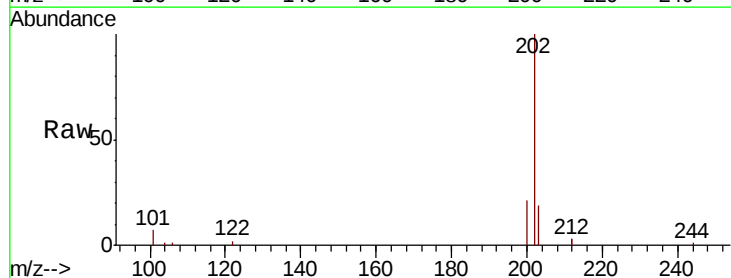
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

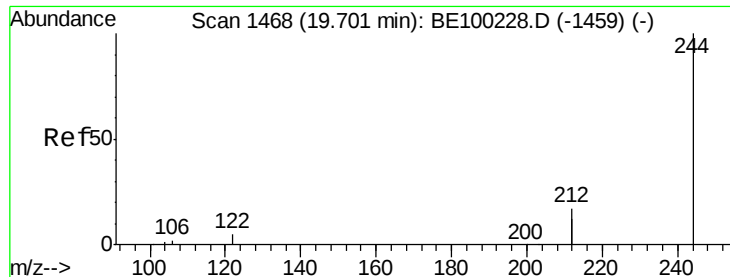
Tot Ion:240 Resp: 5761
Ion Ratio Lower Upper
240 100
120 6.8 3.3 4.9#
236 29.9 22.6 34.0



#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





#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_E

ClientSampleId :

SSTDCCC0.4

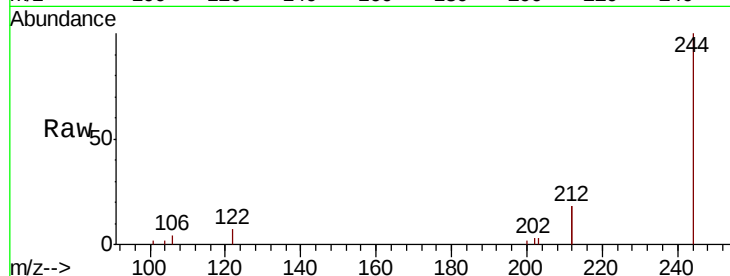
Tot Ion:244 Resp: 5065

Ion Ratio Lower Upper

244 100

212 36.9 27.3 40.9

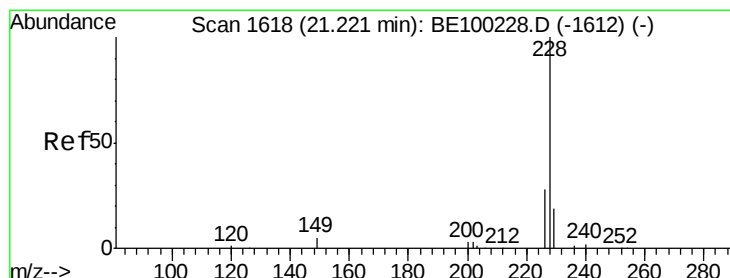
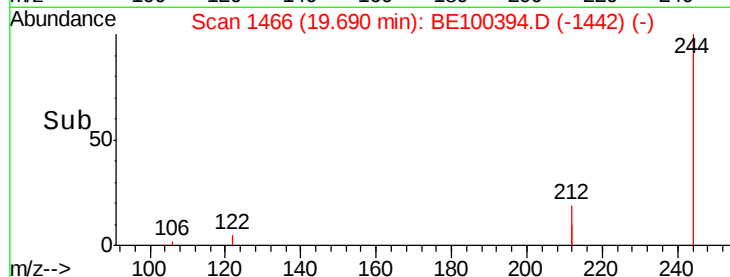
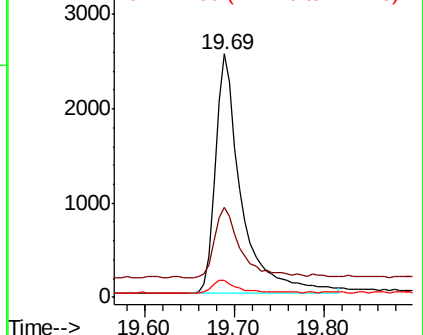
122 6.9 4.7 7.1



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

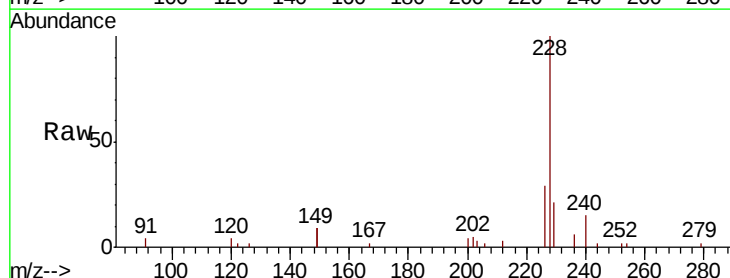
Tgt Ion:228 Resp: 6805

Ion Ratio Lower Upper

228 100

226 28.9 23.2 34.8

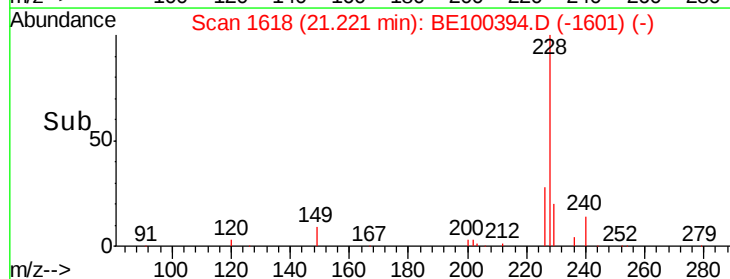
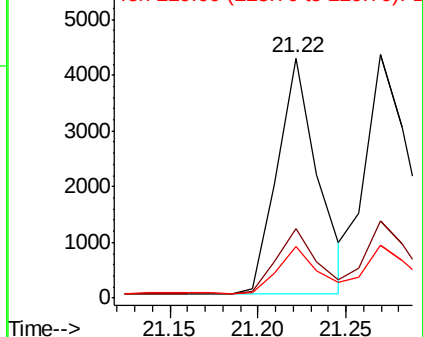
229 21.5 15.7 23.5

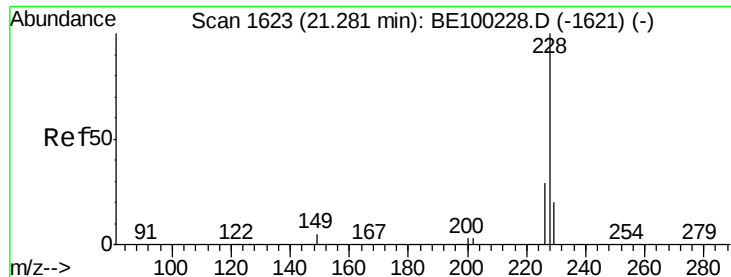


Abundance Ion 228.00 (227.70 to 228.70): E

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 :

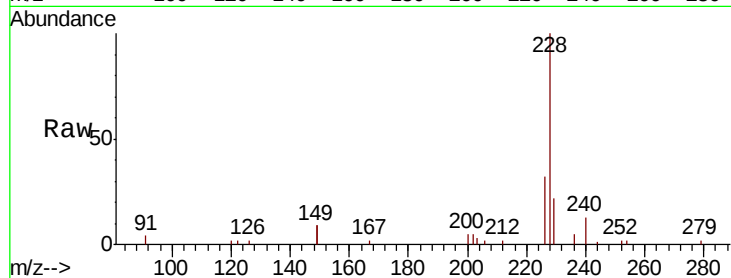
BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:228 Resp: 7791

Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.9	35.9
229	21.6	16.5	24.7

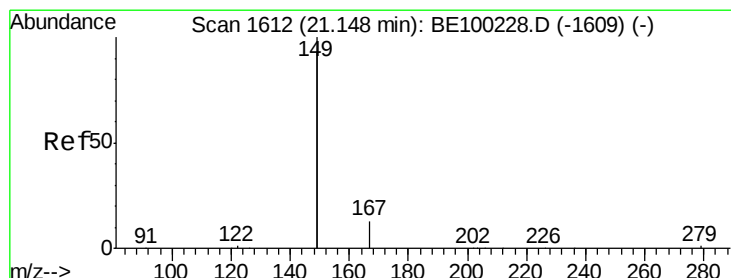
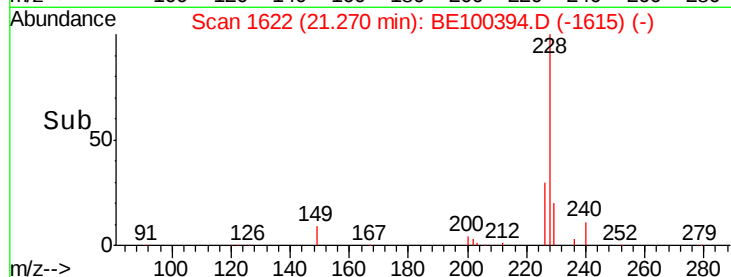
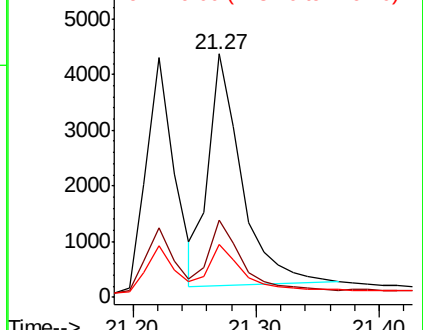


Abundance

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

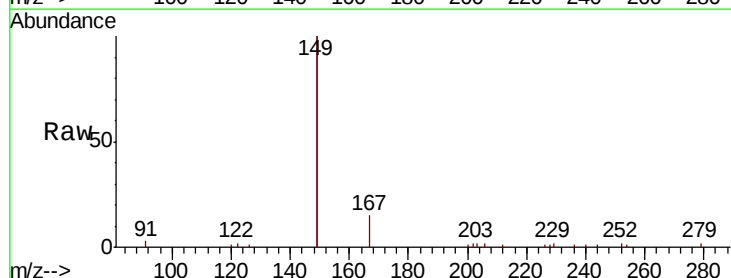
Delta R.T. -0.01 min

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

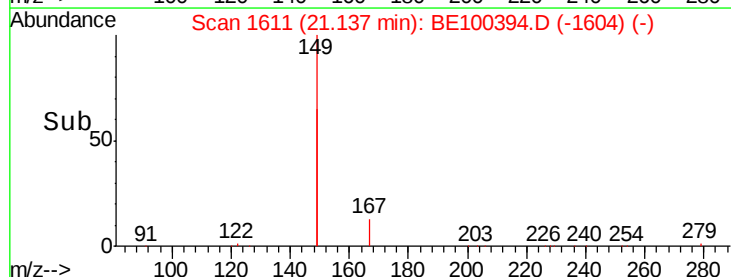
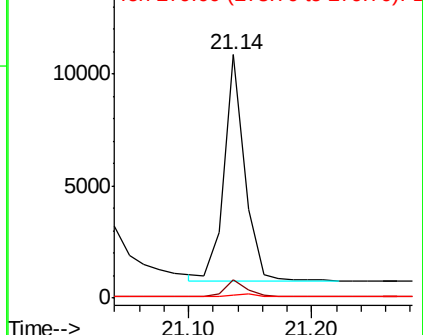


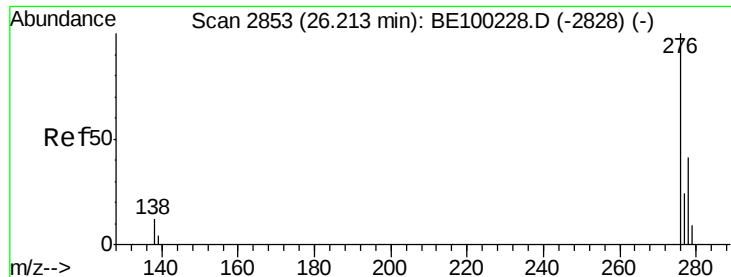
Abundance

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_E

ClientSampleId :

SSTDCCC0.4

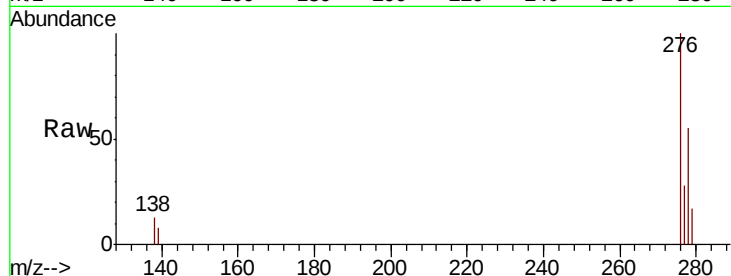
Tot Ion:276 Resp: 9799

Ion Ratio Lower Upper

276 100

138 10.8 9.4 14.0

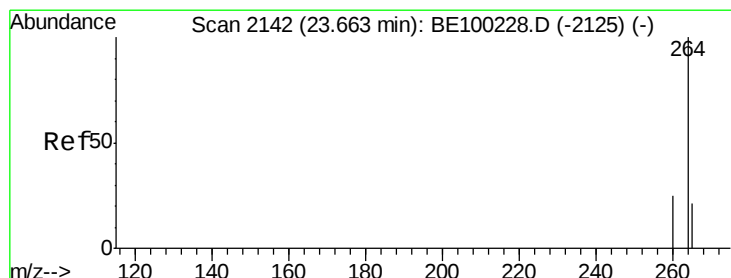
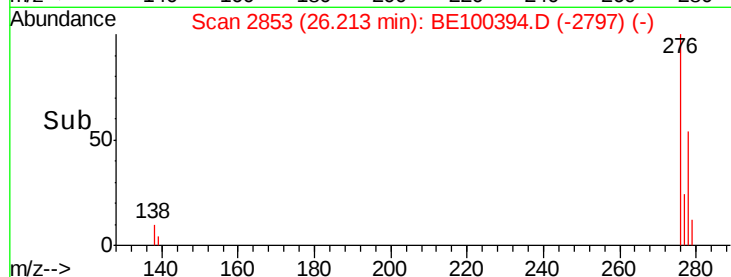
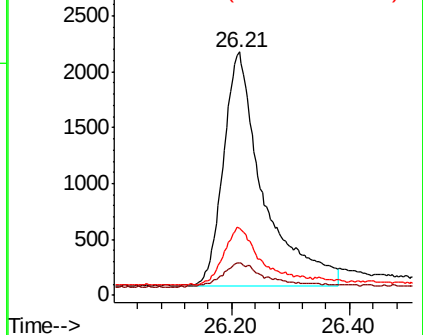
277 22.8 19.2 28.8



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

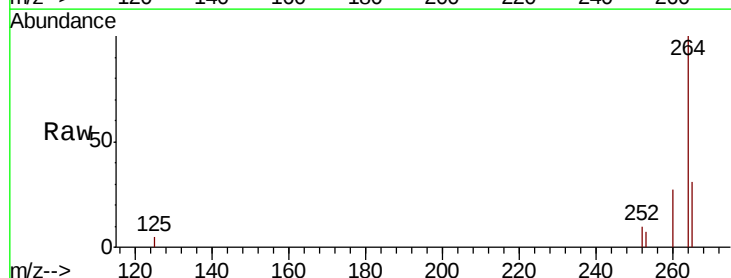
Tgt Ion:264 Resp: 7159

Ion Ratio Lower Upper

264 100

260 27.2 20.8 31.2

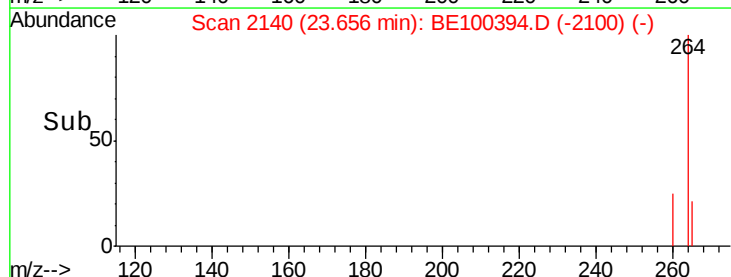
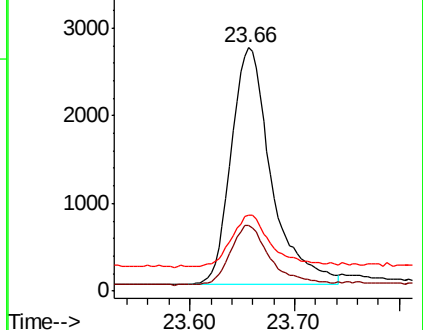
265 31.2 21.8 32.6

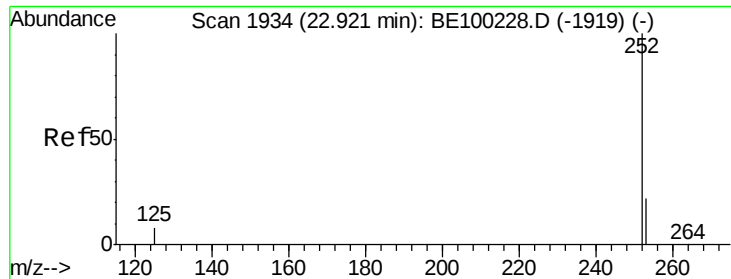


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

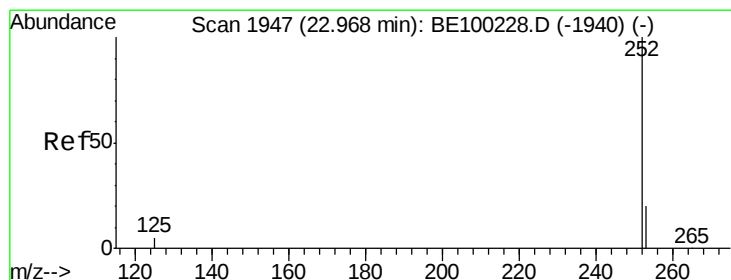
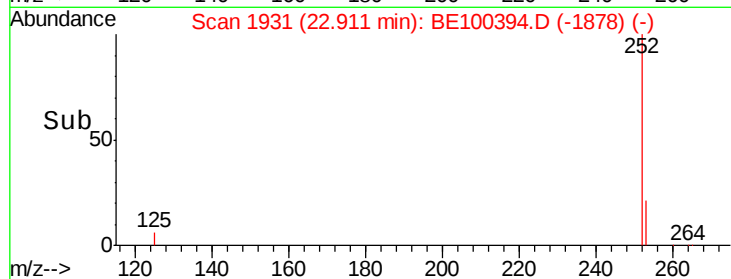
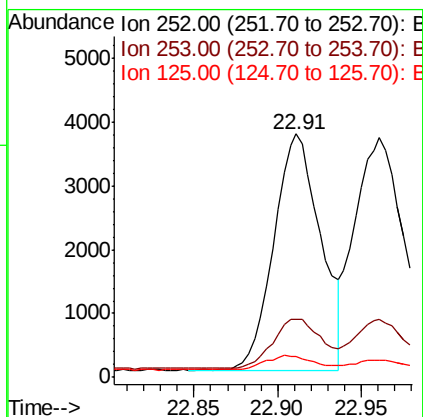
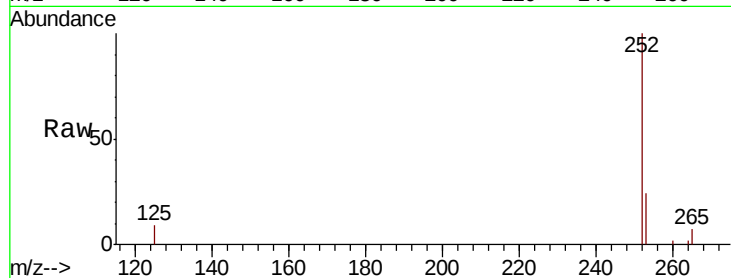




#35
Benzo(b)fluoranthene
Concen: 0.374 ng
RT: 22.91 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BE100394.D
Acq: 5 Jul 2019 23:24

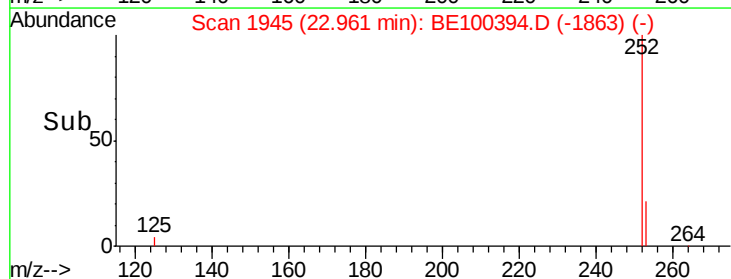
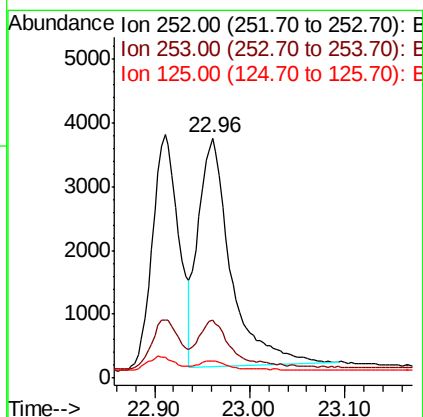
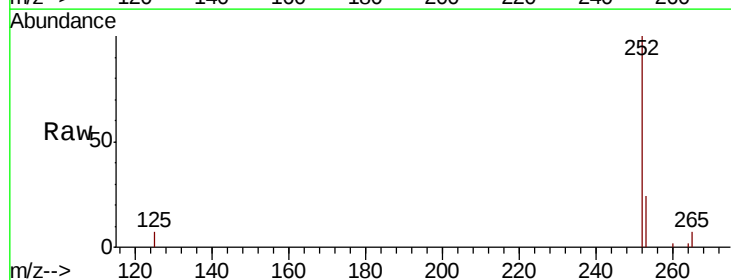
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

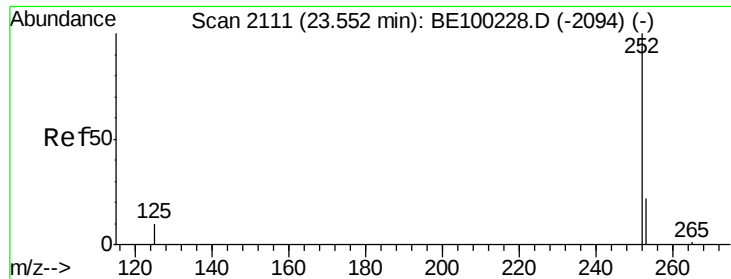
Tot Ion:252 Resp: 7252
Ion Ratio Lower Upper
252 100
253 23.7 19.2 28.8
125 8.8 7.4 11.0



#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_E

ClientSampleId :

SSTDCCC0.4

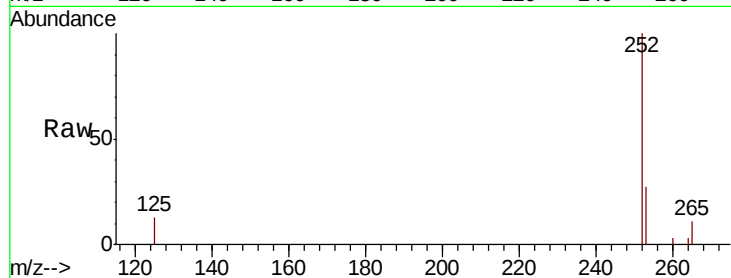
Tot Ion:252 Resp: 7561

Ion Ratio Lower Upper

252 100

253 27.4 19.6 29.4

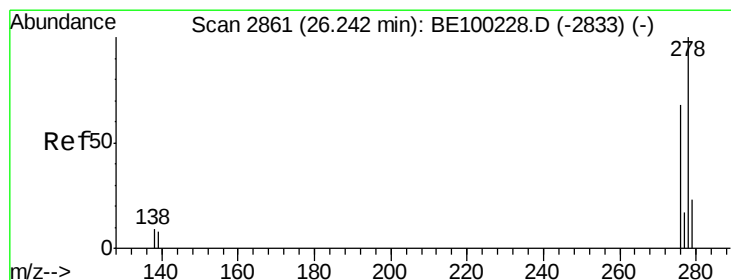
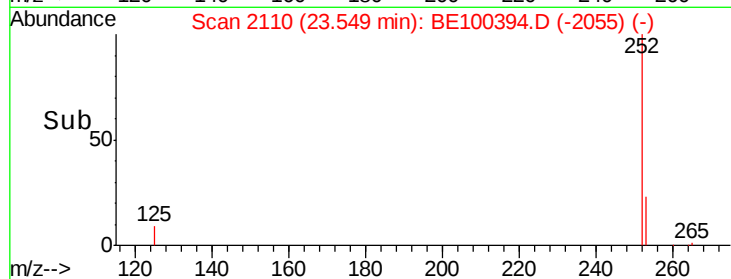
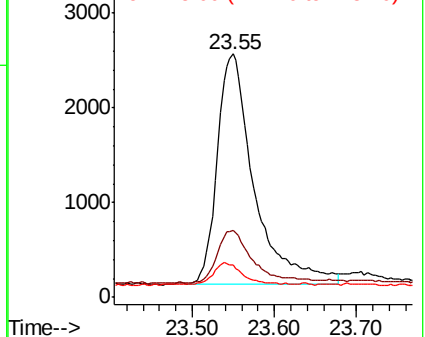
125 13.4 9.0 13.6



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

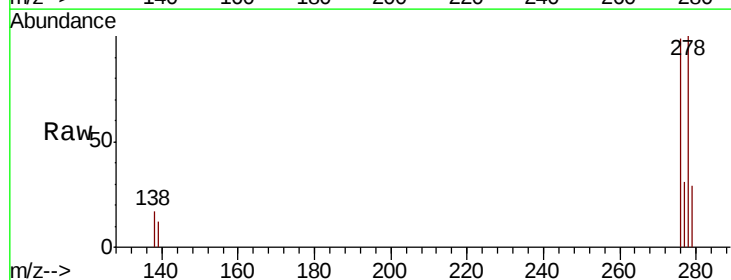
Tgt Ion:278 Resp: 7640

Ion Ratio Lower Upper

278 100

139 12.2 8.2 12.2

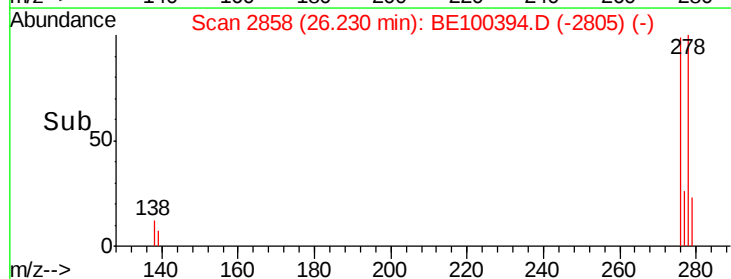
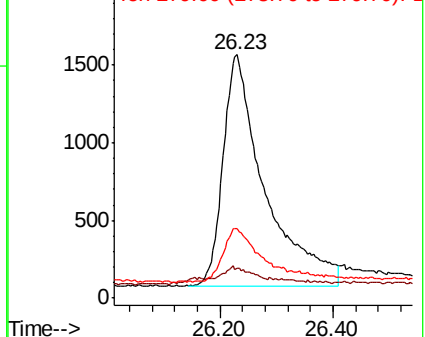
279 28.8 20.3 30.5

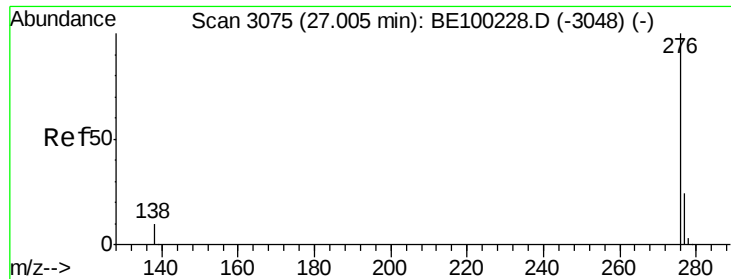


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,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_E

ClientSampleId :

SSTDCCC0.4

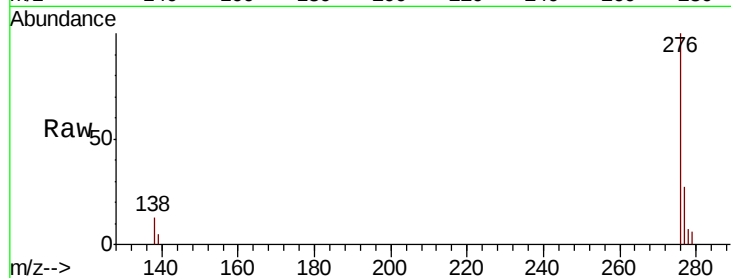
Tot Ion:276 Resp: 8577

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

