

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070519\
 Data File : BE100375.D
 Acq On : 5 Jul 2019 11:18
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jul 06 00:10:31 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	442	0.40	ng	-0.02
7) Naphthalene-d8	10.42	136	1430	0.40	ng	-0.03
13) Acenaphthene-d10	14.30	164	1150	0.40	ng	-0.01
19) Phenanthrene-d10	17.05	188	4208	0.40	ng	0.00
27) Chrysene-d12	21.23	240	5844	0.40	ng	-0.01
34) Perylene-d12	23.66	264	7018	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	540	0.48	ng	-0.02
5) Phenol-d6	6.83	99	509	0.34	ng	0.00
8) Nitrobenzene-d5	8.81	82	457	0.32	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	1050	0.39	ng	-0.01
14) 2,4,6-Tribromophenol	15.82	330	307	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.93	172	1731	0.39	ng	-0.01
25) Fluoranthene-d10	19.09	212	24833	0.41	ng	-0.01
29) Terphenyl-d14	19.68	244	5045	0.42	ng	-0.02

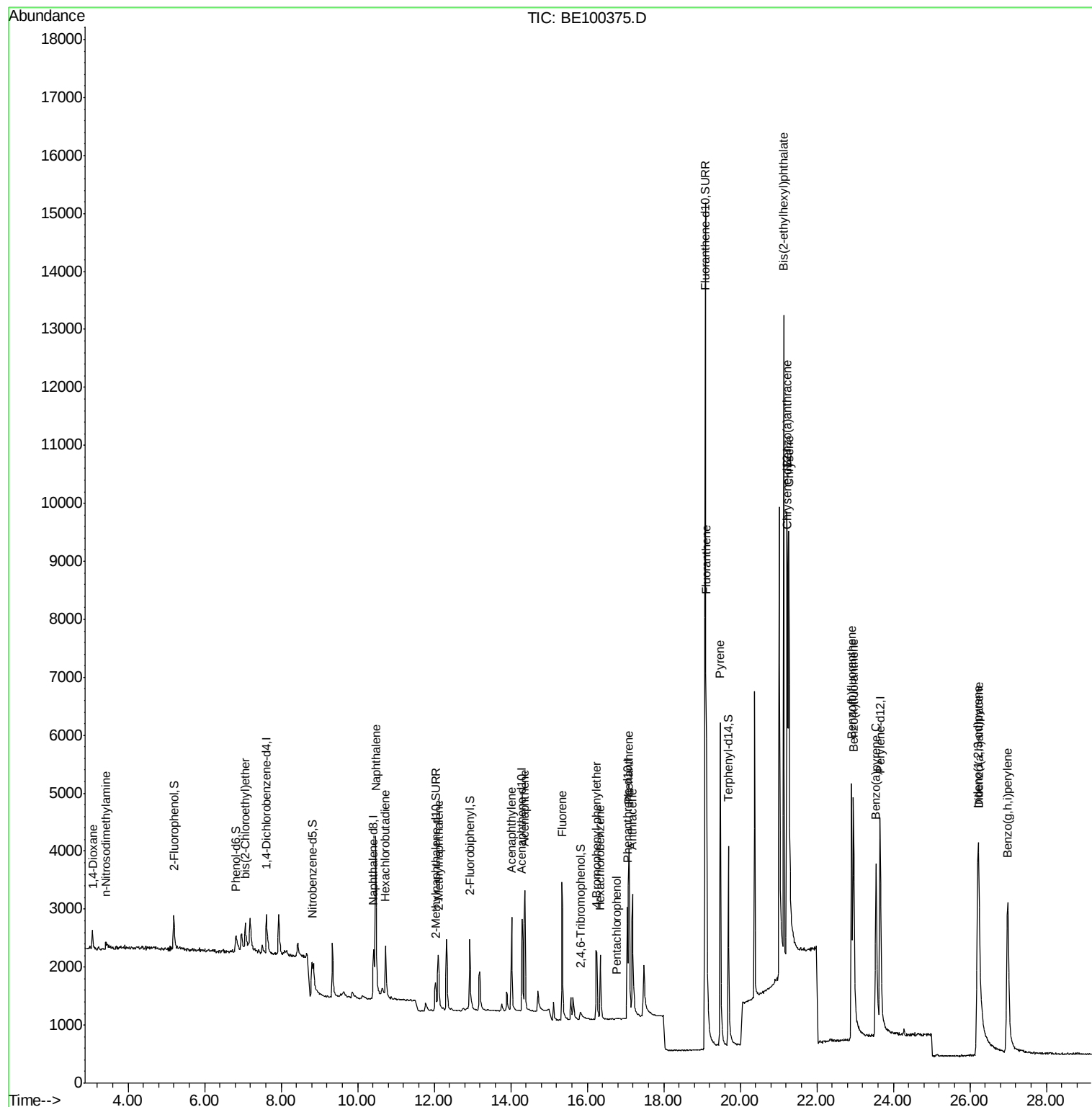
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.07	88	295	0.430	ng	93
3) n-Nitrosodimethylamine	3.42	42	180	0.563	ng	# 78
6) bis(2-Chloroethyl)ether	7.06	93	428	0.351	ng	# 78
9) Naphthalene	10.47	128	6301	0.400	ng	99
10) Hexachlorobutadiene	10.73	225	715	0.471	ng	94
12) 2-Methylnaphthalene	12.11	142	969	0.350	ng	99
16) Acenaphthylene	14.02	152	2074	0.376	ng	99
17) Acenaphthene	14.37	154	1191	0.381	ng	95
18) Fluorene	15.34	166	1921	0.415	ng	98
20) 4-Bromophenyl-phenylether	16.25	248	990	0.369	ng	98
21) Hexachlorobenzene	16.34	284	1106	0.397	ng	97
22) Pentachlorophenol	16.76	266	18	0.021	ng	# 79
23) Phenanthrene	17.09	178	3877	0.380	ng	100
24) Anthracene	17.19	178	3260	0.355	ng	99
26) Fluoranthene	19.12	202	6700	0.412	ng	99
28) Pyrene	19.48	202	6841	0.442	ng	100
30) Benzo(a)anthracene	21.22	228	6968	0.363	ng	98
31) Chrysene	21.27	228	7695	0.399	ng	99
32) Bis(2-ethylhexyl)phthalate	21.14	149	11811	0.377	ng	100
33) Indeno(1,2,3-cd)pyrene	26.21	276	9070	0.355	ng	97
35) Benzo(b)fluoranthene	22.91	252	6820	0.358	ng	97
36) Benzo(k)fluoranthene	22.96	252	9219	0.434	ng	# 96
37) Benzo(a)pyrene	23.55	252	7320	0.384	ng	97
38) Dibenzo(a,h)anthracene	26.23	278	6812	0.342	ng	# 92
39) Benzo(g,h,i)perylene	26.99	276	8481	0.415	ng	97

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

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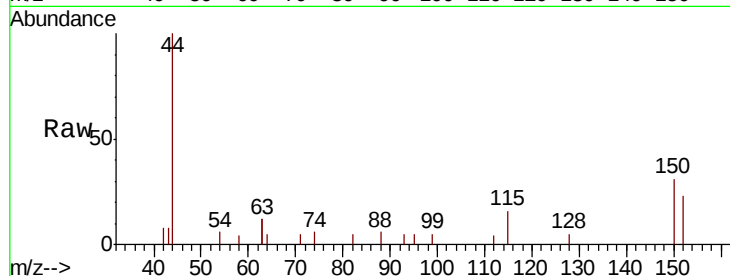


#1

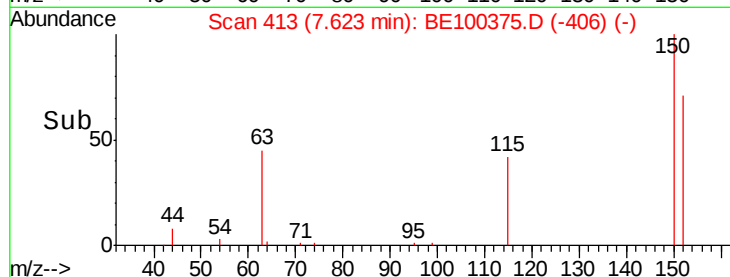
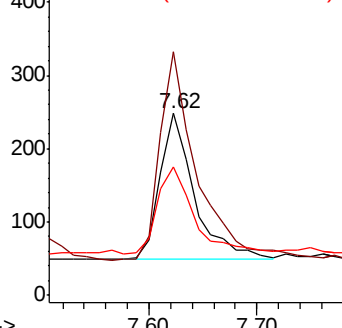
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 413
Delta R.T. -0.02 min
Lab File: BE100375.D
Acq: 5 Jul 2019 11:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 442
Ion Ratio Lower Upper
152 100
150 133.9 114.5 171.7
115 70.6 57.1 85.7



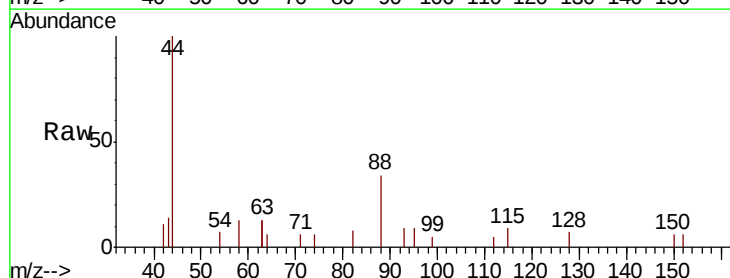
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



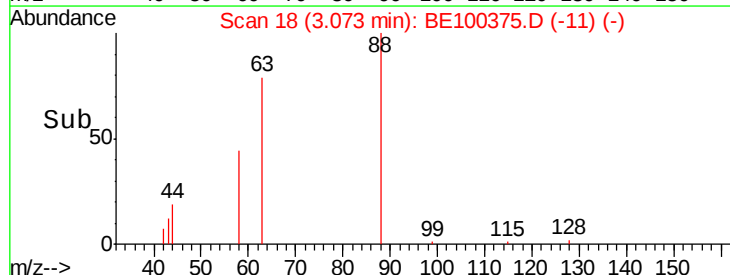
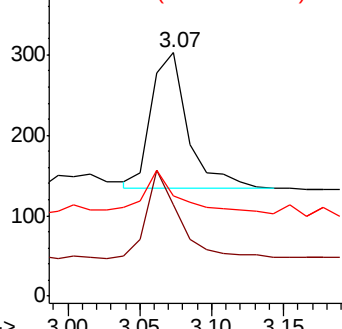
#2

1,4-Dioxane
Concen: 0.430 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.02 min
Lab File: BE100375.D
Acq: 5 Jul 2019 11:18

Tgt Ion: 88 Resp: 295
Ion Ratio Lower Upper
88 100
58 59.3 43.6 65.4
43 30.8 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: 0.563 ng

RT: 3.42 min Scan# 48

Delta R.T. -0.04 min

Lab File: BE100375.D

Acq: 5 Jul 2019 11:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

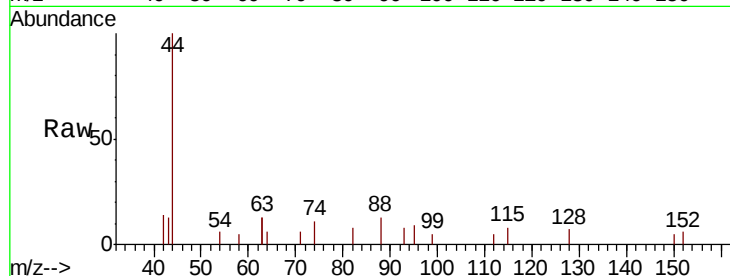
Tot Ion: 42 Resp: 180

Ion Ratio Lower Upper

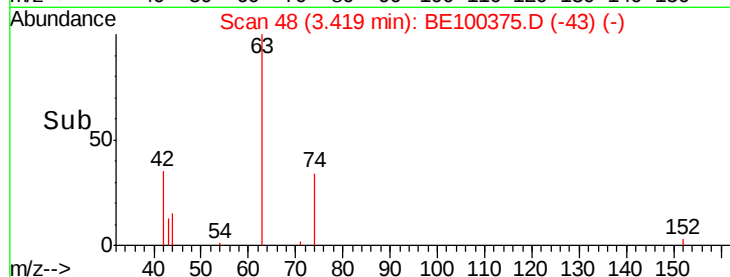
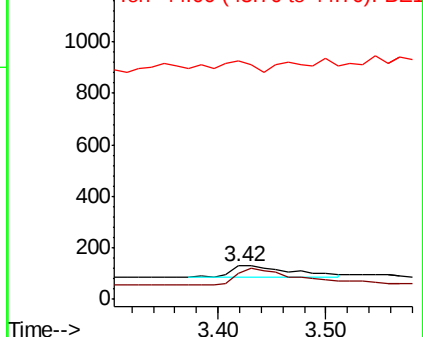
42 100

74 131.7 130.6 196.0

44 59.4 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: 0.479 ng

RT: 5.19 min Scan# 202

Delta R.T. -0.02 min

Lab File: BE100375.D

Acq: 5 Jul 2019 11:18

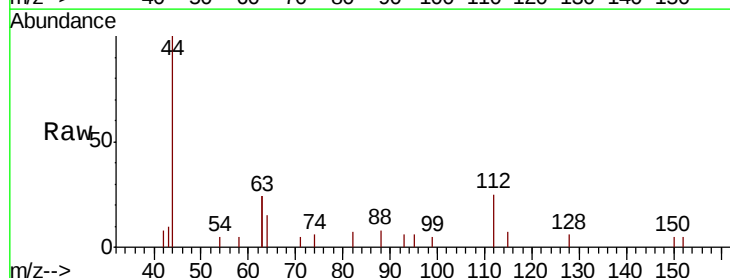
Tgt Ion: 112 Resp: 540

Ion Ratio Lower Upper

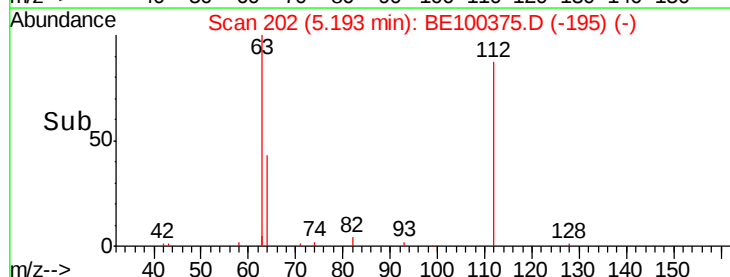
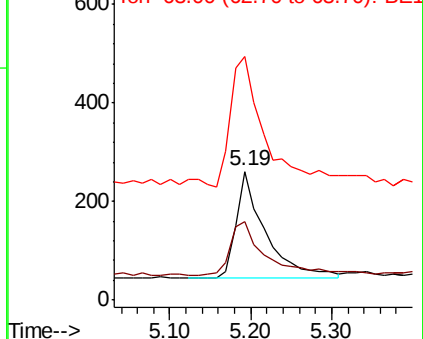
112 100

64 60.9 39.4 59.0#

63 153.5 104.5 156.7



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: 0.343 ng

RT: 6.83 min Scan# 344

Delta R.T. -0.01 min

Lab File: BE100375.D

Acq: 5 Jul 2019 11:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

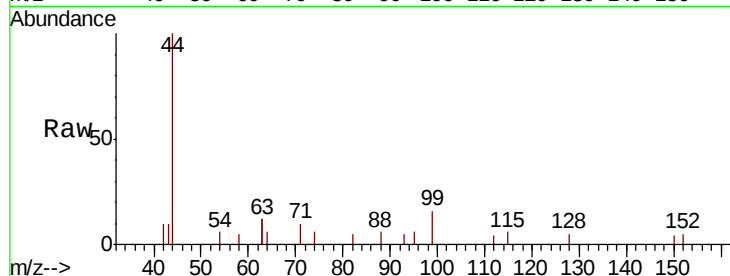
Tot Ion: 99 Resp: 509

Ion Ratio Lower Upper

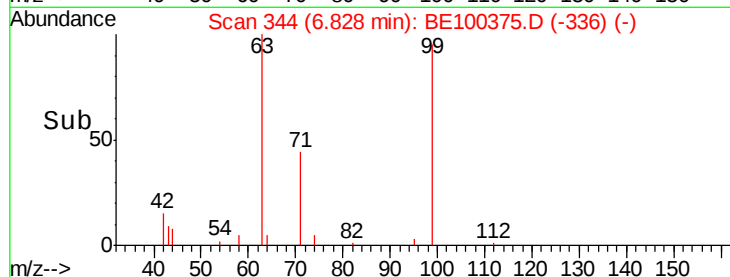
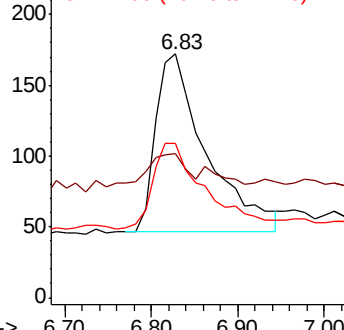
99 100

42 14.7 11.2 16.8

71 51.5 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: 0.351 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.03 min

Lab File: BE100375.D

Acq: 5 Jul 2019 11:18

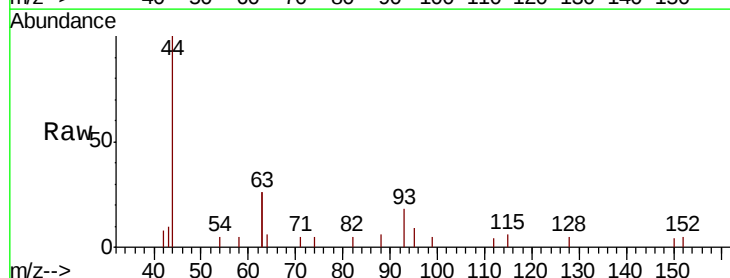
Tgt Ion: 93 Resp: 428

Ion Ratio Lower Upper

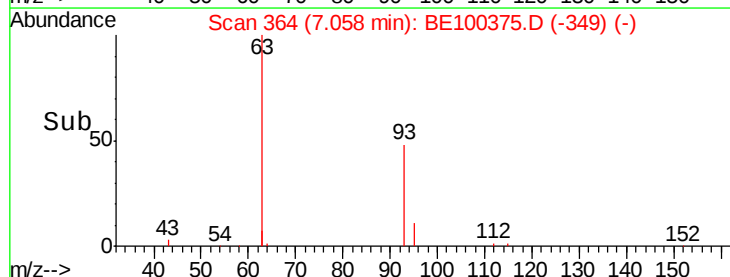
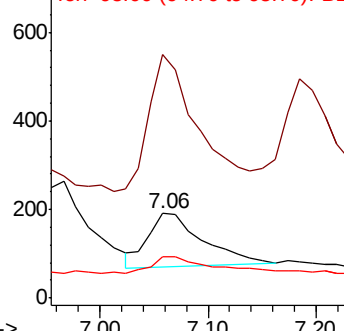
93 100

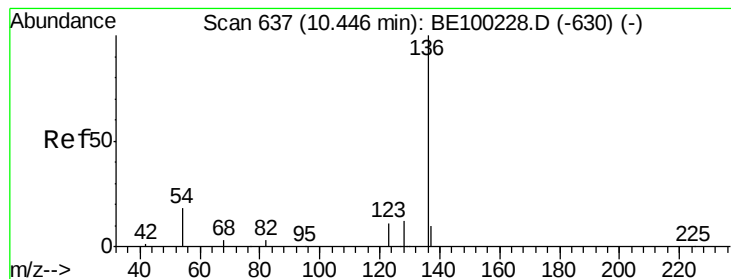
63 228.3 155.6 233.4

95 38.3 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: BE100375.D

Acq: 5 Jul 2019 11:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 1430

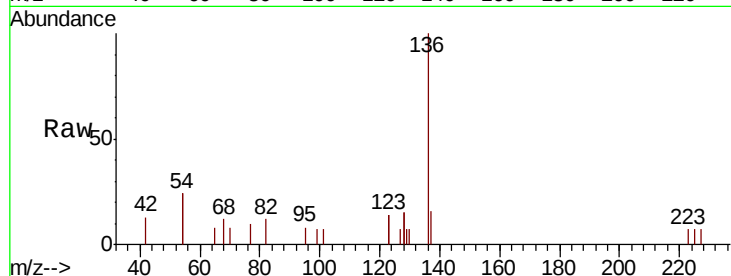
Ion Ratio Lower Upper

136 100

137 16.4 11.8 17.8

54 47.8 27.7 41.5#

68 11.7 6.8 10.2#

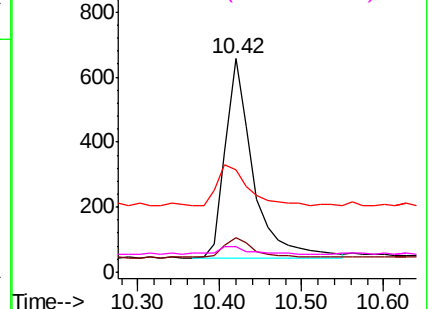
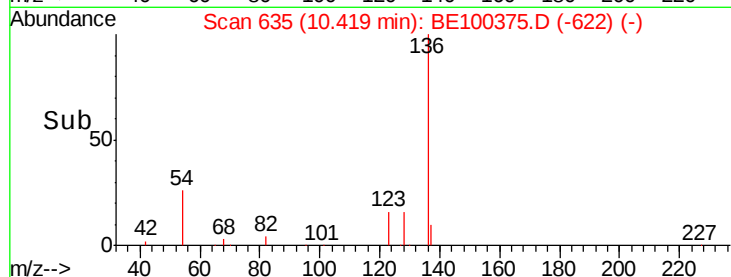


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.322 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100375.D

Acq: 5 Jul 2019 11:18

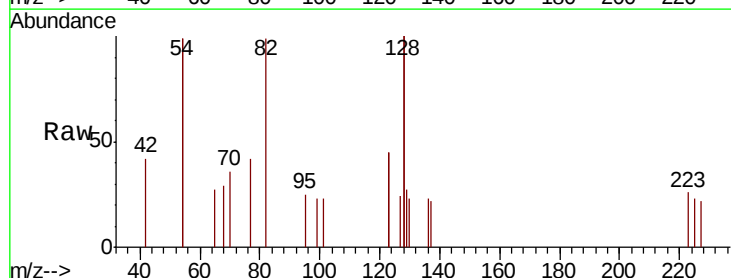
Tgt Ion: 82 Resp: 457

Ion Ratio Lower Upper

82 100

128 202.0 140.9 211.3

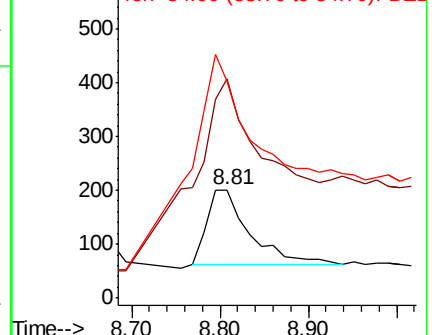
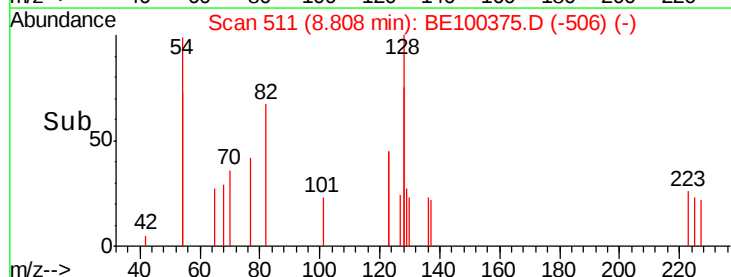
54 200.0 146.2 219.2



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: 0.400 ng

RT: 10.47 min Scan# 639

Delta R.T. -0.01 min

Lab File: BE100375.D

Acq: 5 Jul 2019 11:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

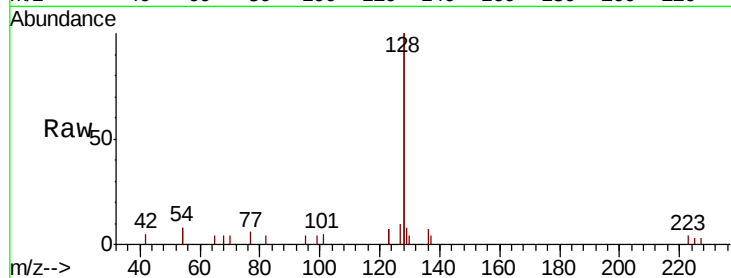
Tot Ion:128 Resp: 6301

Ion Ratio Lower Upper

128 100

129 4.1 3.0 4.6

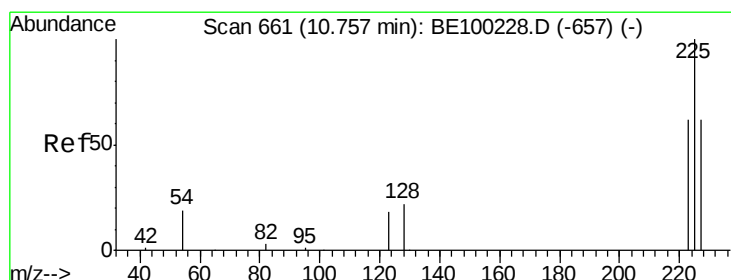
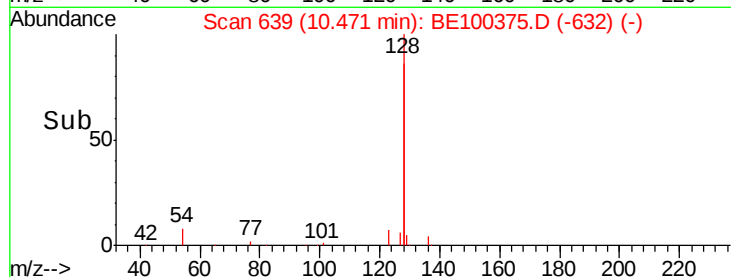
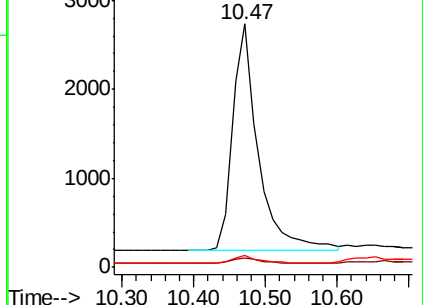
127 4.8 3.5 5.3



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: 0.471 ng

RT: 10.73 min Scan# 659

Delta R.T. -0.03 min

Lab File: BE100375.D

Acq: 5 Jul 2019 11:18

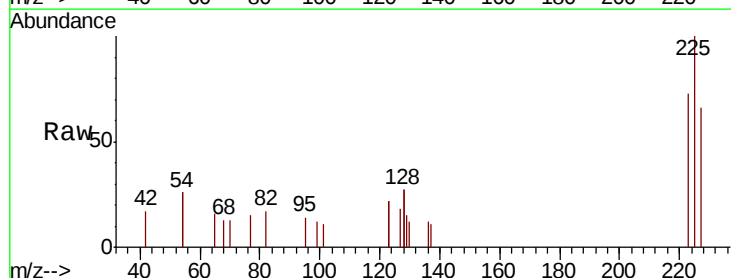
Tgt Ion:225 Resp: 715

Ion Ratio Lower Upper

225 100

223 67.1 49.1 73.7

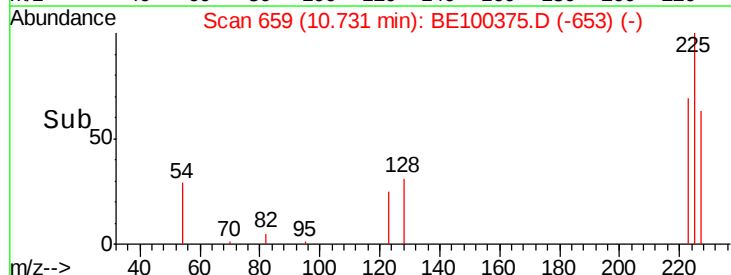
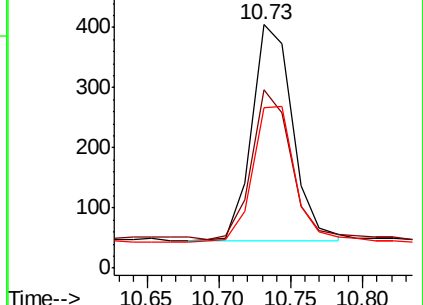
227 64.6 49.3 73.9

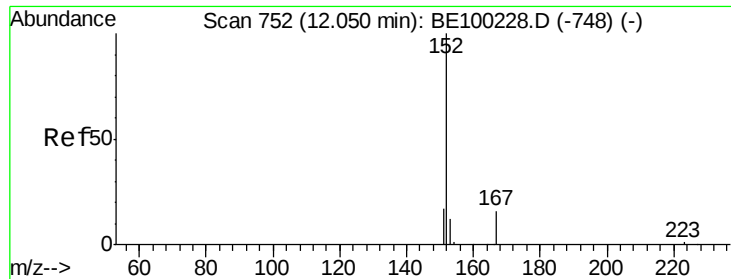


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

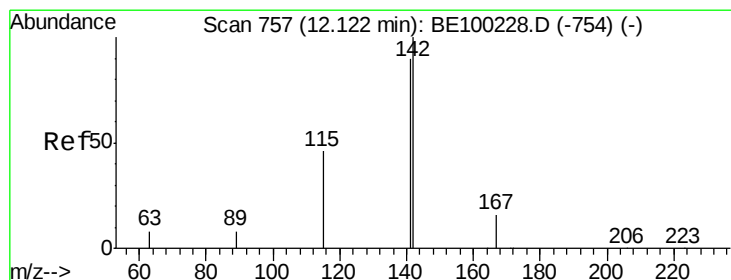
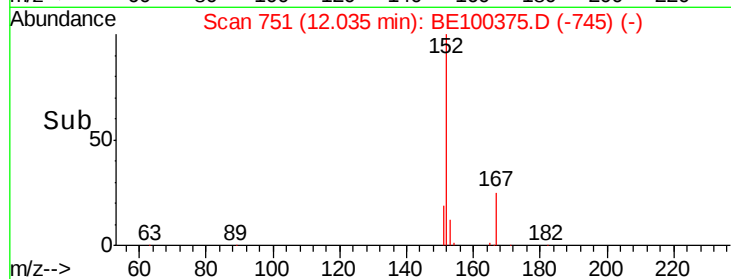
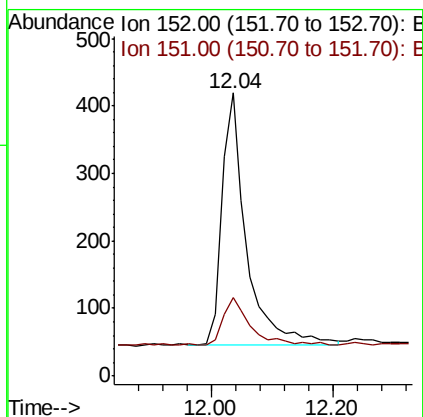
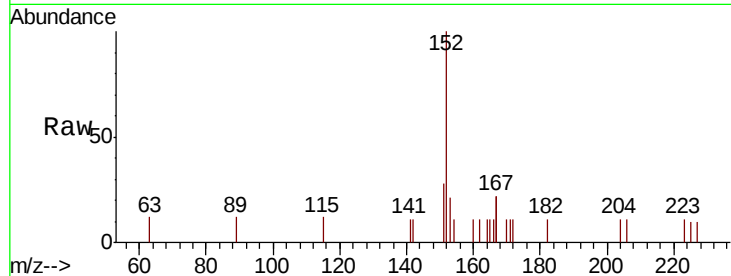




#11
2-Methylnaphthalene-d10
Concen: 0.390 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100375.D
Acq: 5 Jul 2019 11:18

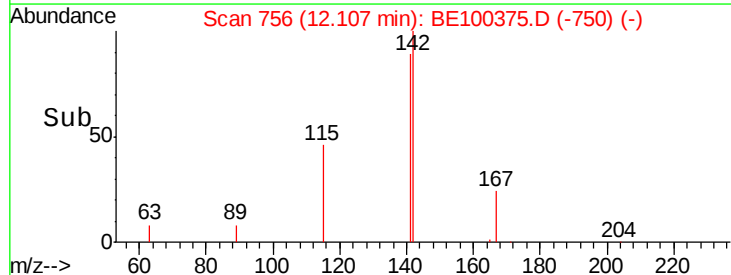
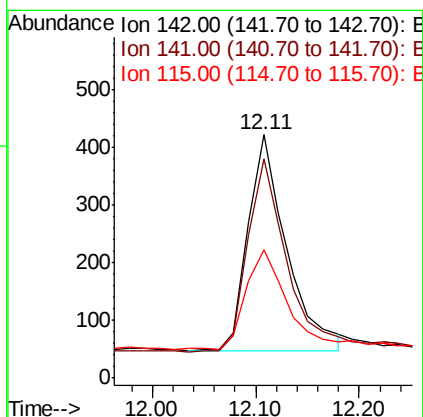
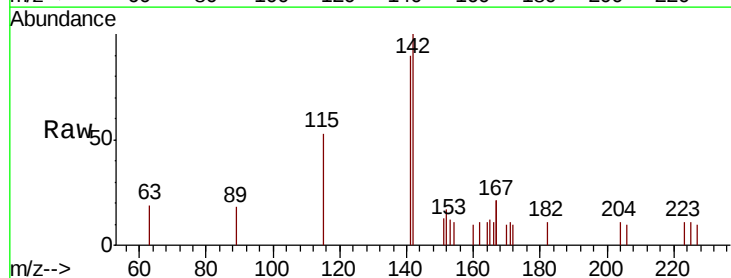
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 1050
Ion Ratio Lower Upper
152 100
151 21.6 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.350 ng
RT: 12.11 min Scan# 756
Delta R.T. -0.01 min
Lab File: BE100375.D
Acq: 5 Jul 2019 11:18

Tgt Ion:142 Resp: 969
Ion Ratio Lower Upper
142 100
141 90.3 72.4 108.6
115 52.6 40.4 60.6

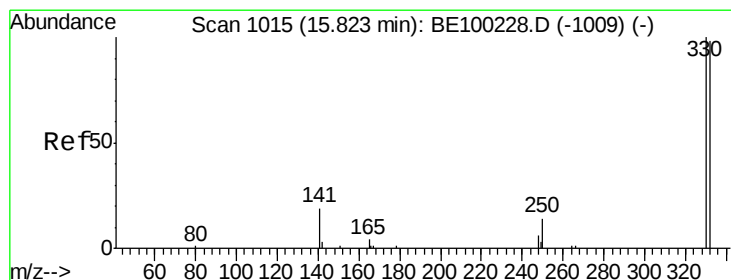
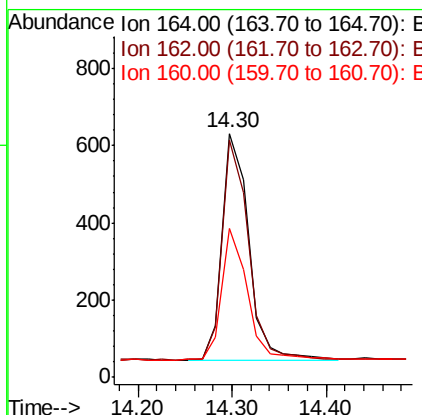
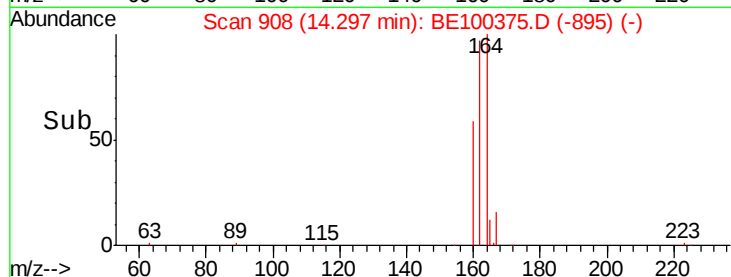
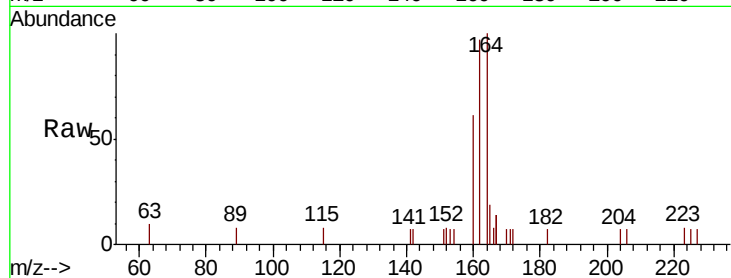




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 908
Delta R.T. -0.01 min
Lab File: BE100375.D
Acq: 5 Jul 2019 11:18

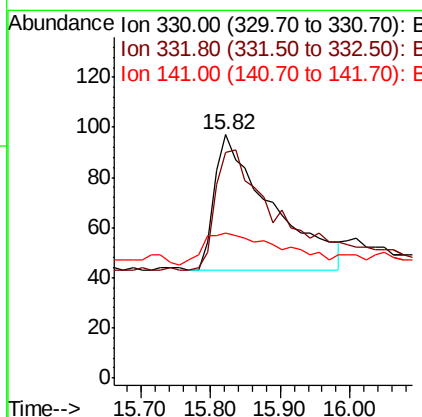
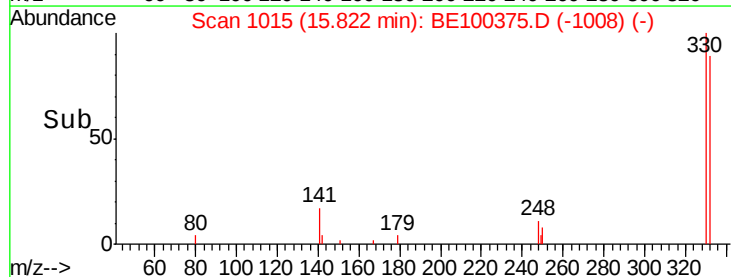
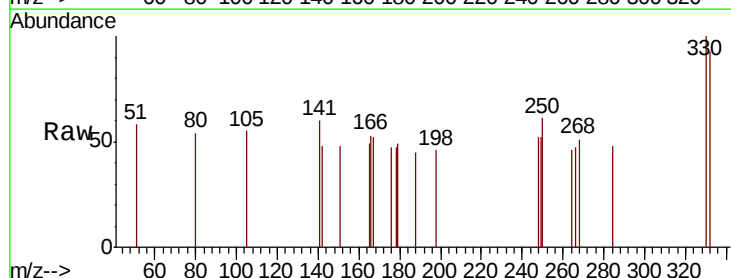
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:164 Resp: 1150
Ion Ratio Lower Upper
164 100
162 97.3 83.4 125.0
160 61.3 45.0 67.6



#14
2,4,6-Tribromophenol
Concen: 0.382 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE100375.D
Acq: 5 Jul 2019 11:18

Tgt Ion:330 Resp: 307
Ion Ratio Lower Upper
330 100
332 103.9 77.0 115.4
141 32.2 22.0 33.0

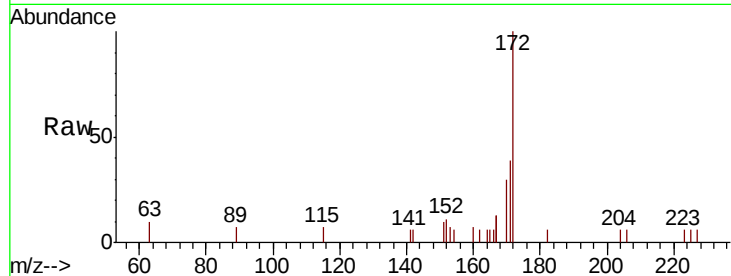




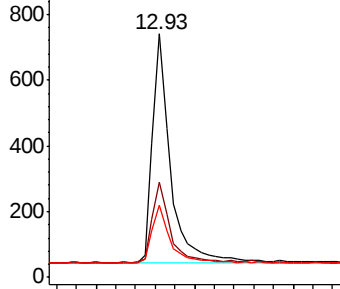
#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100375.D
Acq: 5 Jul 2019 11:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

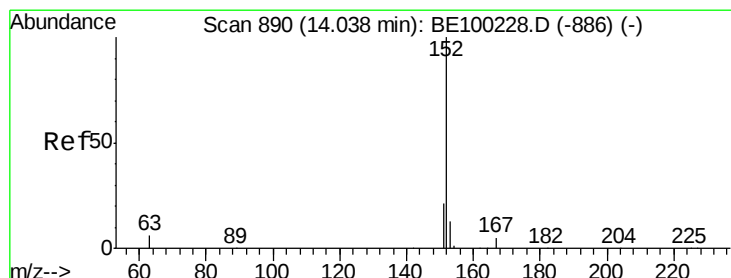
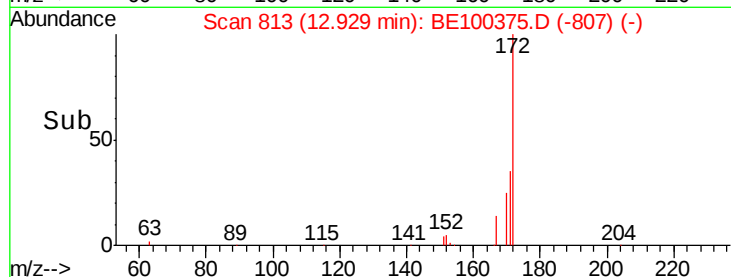
Tot Ion:172 Resp: 1731
Ion Ratio Lower Upper
172 100
171 39.0 31.9 47.9
170 29.7 22.2 33.2



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

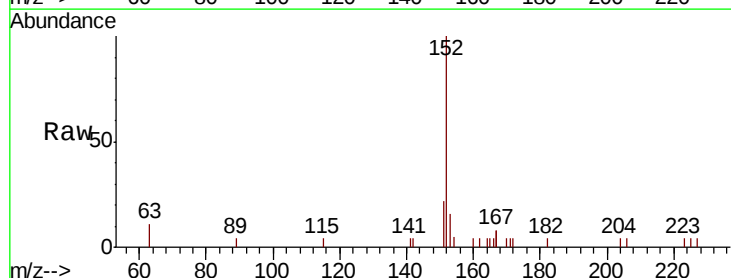


Time-->

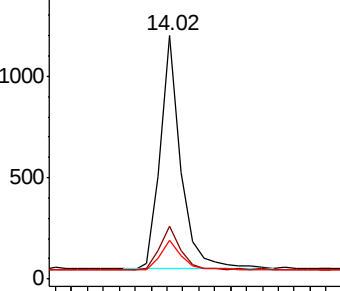


#16
Acenaphthylene
Concen: 0.376 ng
RT: 14.02 min Scan# 889
Delta R.T. -0.01 min
Lab File: BE100375.D
Acq: 5 Jul 2019 11:18

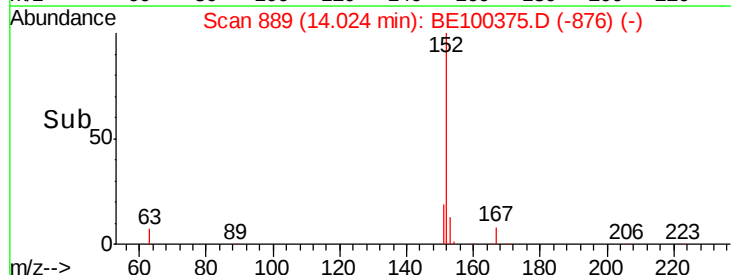
Tgt Ion:152 Resp: 2074
Ion Ratio Lower Upper
152 100
151 20.4 16.6 25.0
153 14.0 10.5 15.7

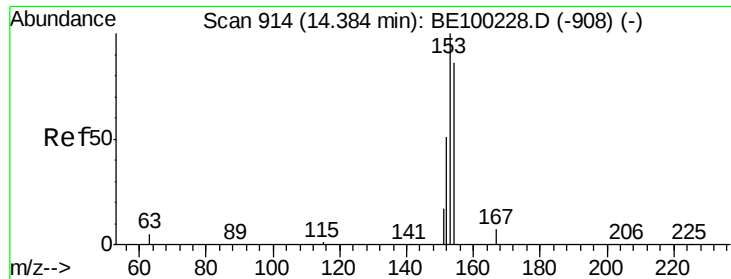


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->

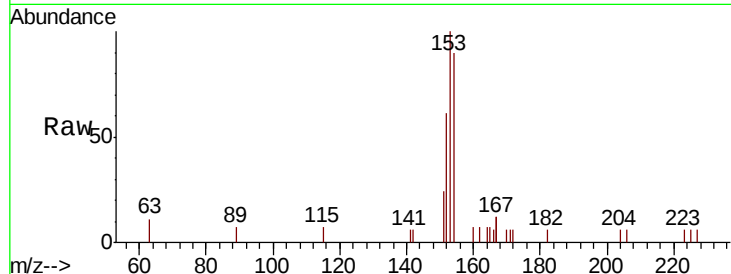




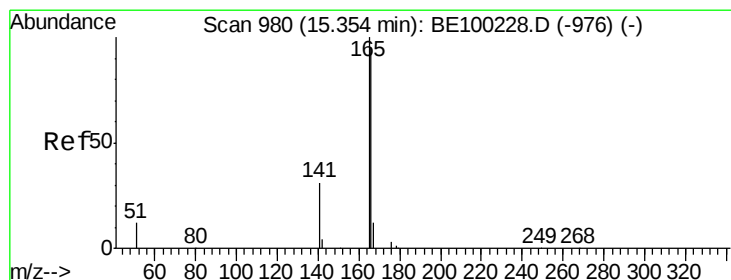
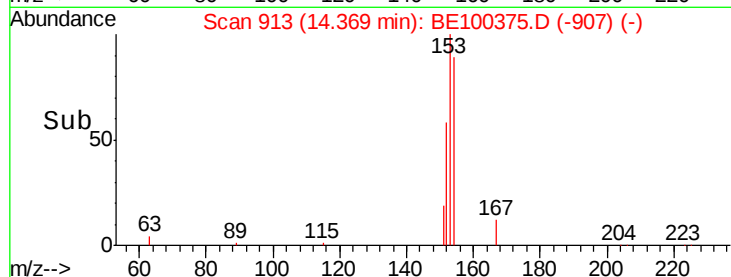
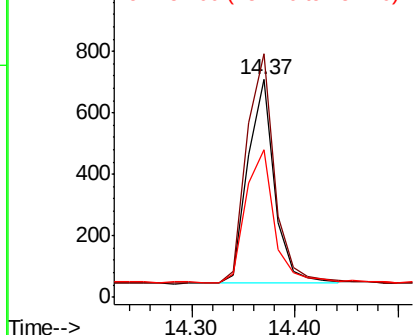
#17
Acenaphthene
Concen: 0.381 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100375.D
Acq: 5 Jul 2019 11:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:154 Resp: 1191
Ion Ratio Lower Upper
154 100
153 118.7 93.4 140.2
152 70.4 49.4 74.2

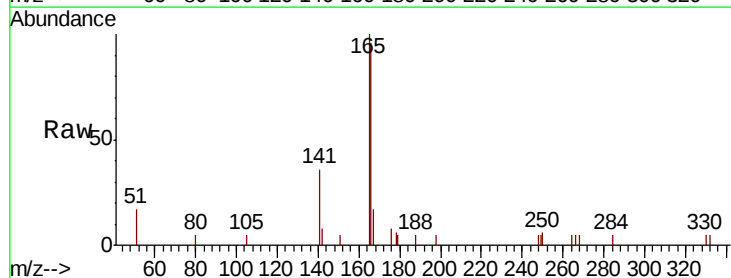


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

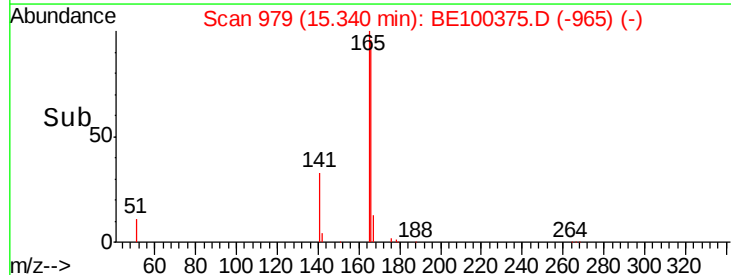
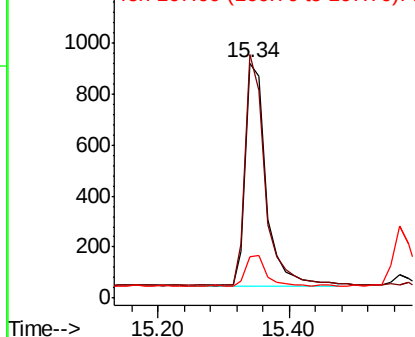


#18
Fluorene
Concen: 0.415 ng
RT: 15.34 min Scan# 979
Delta R.T. -0.01 min
Lab File: BE100375.D
Acq: 5 Jul 2019 11:18

Tgt Ion:166 Resp: 1921
Ion Ratio Lower Upper
166 100
165 100.0 81.1 121.7
167 15.0 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: BE100375.D

Acq: 5 Jul 2019 11:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

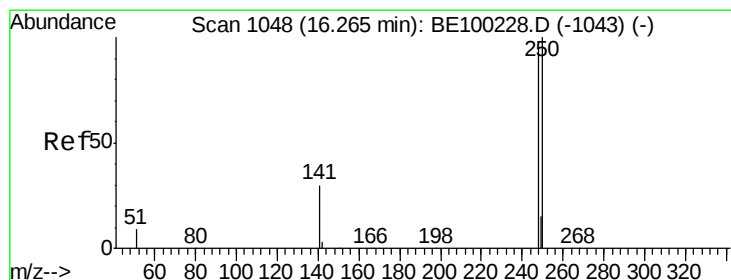
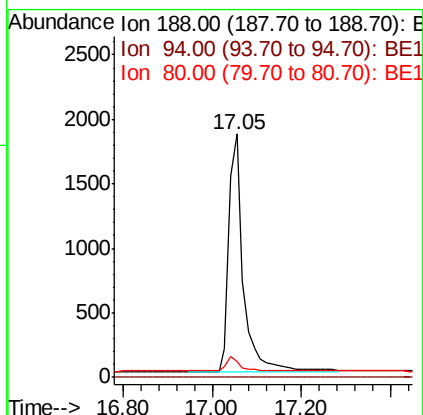
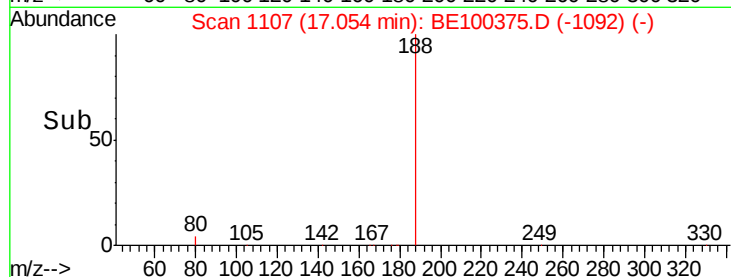
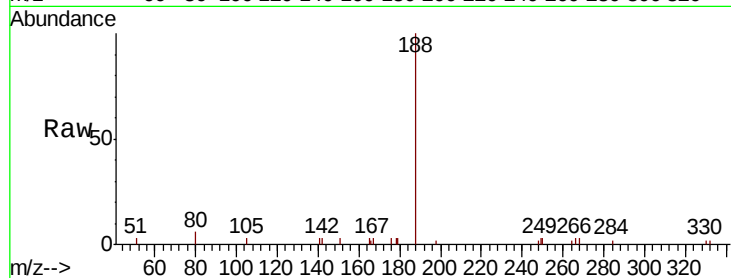
Tot Ion:188 Resp: 4208

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 6.4 7.6 11.4#



#20

4-Bromophenyl-phenylether

Concen: 0.369 ng

RT: 16.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BE100375.D

Acq: 5 Jul 2019 11:18

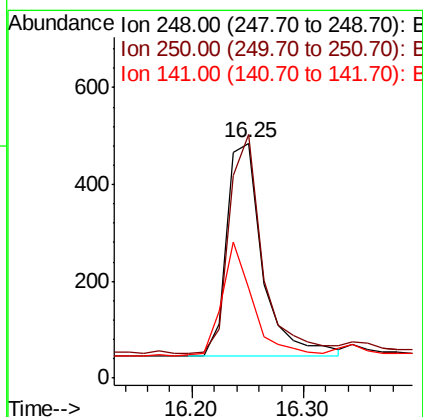
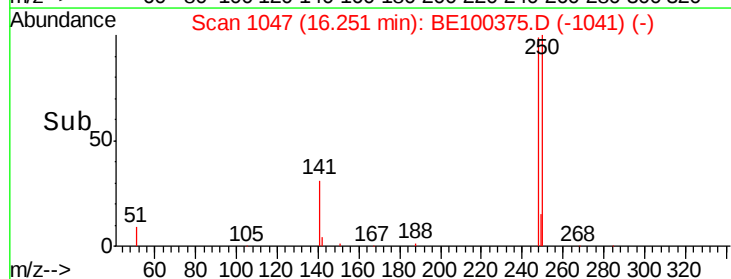
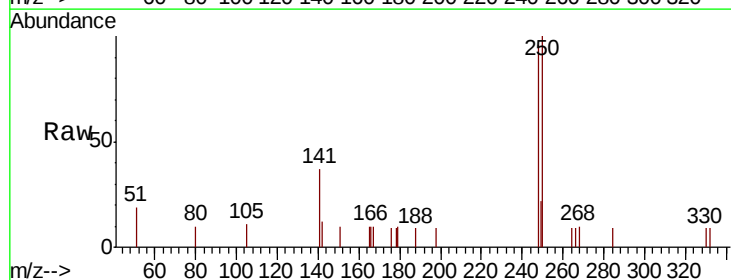
Tgt Ion:248 Resp: 990

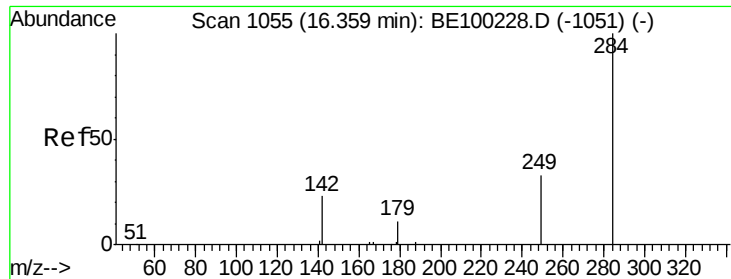
Ion Ratio Lower Upper

248 100

250 103.7 84.2 126.4

141 38.6 29.3 43.9





#21

Hexachlorobenzene

Concen: 0.397 ng

RT: 16.34 min Scan# 1054

Delta R.T. -0.01 min

Lab File: BE100375.D

Acq: 5 Jul 2019 11:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

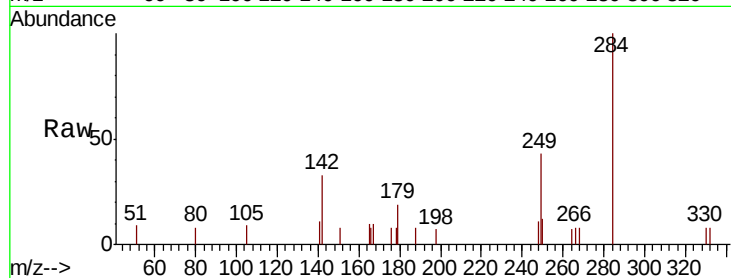
Tot Ion:284 Resp: 1106

Ion Ratio Lower Upper

284 100

142 22.4 18.8 28.2

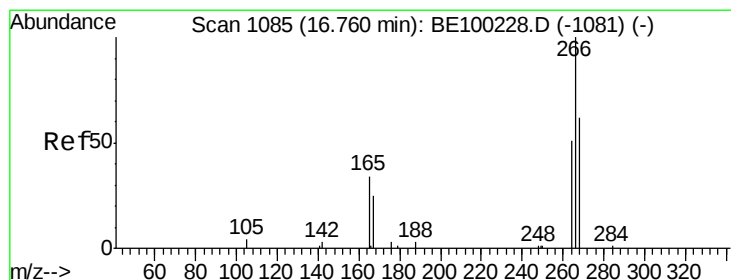
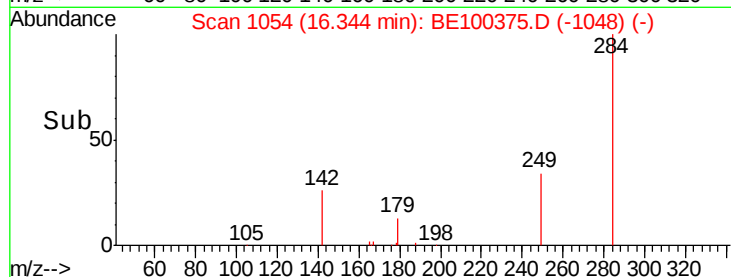
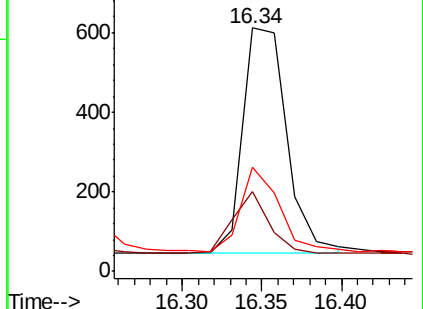
249 31.8 23.7 35.5



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: 0.021 ng

RT: 16.76 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BE100375.D

Acq: 5 Jul 2019 11:18

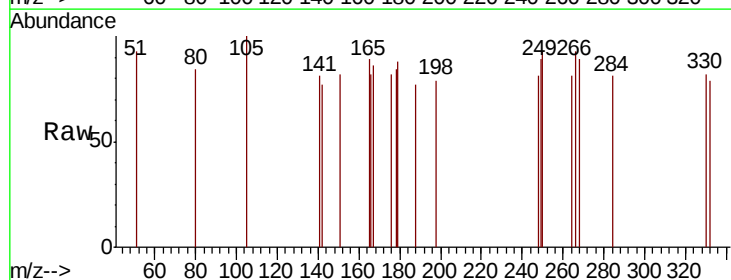
Tgt Ion:266 Resp: 18

Ion Ratio Lower Upper

266 100

264 86.8 56.2 84.2#

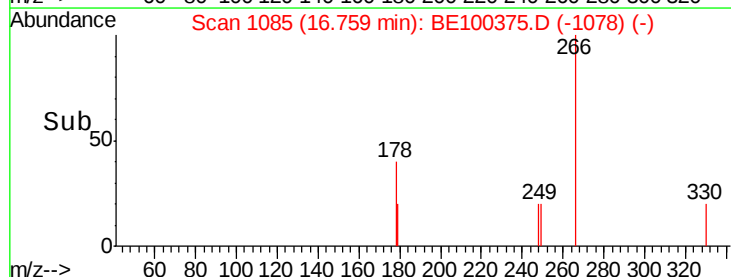
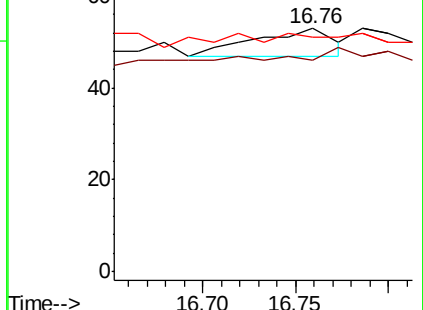
268 96.2 61.8 92.6#

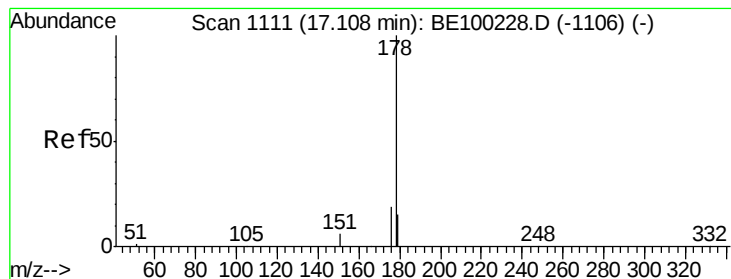


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.380 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100375.D

Acq: 5 Jul 2019 11:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

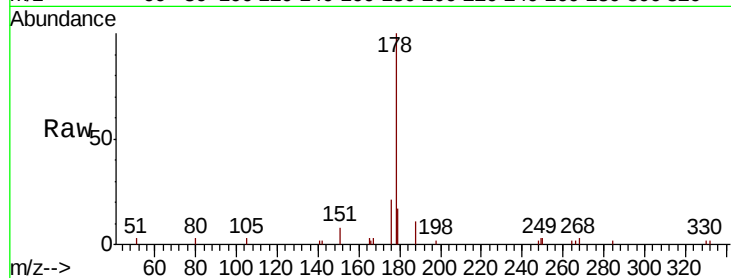
Tot Ion:178 Resp: 3877

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

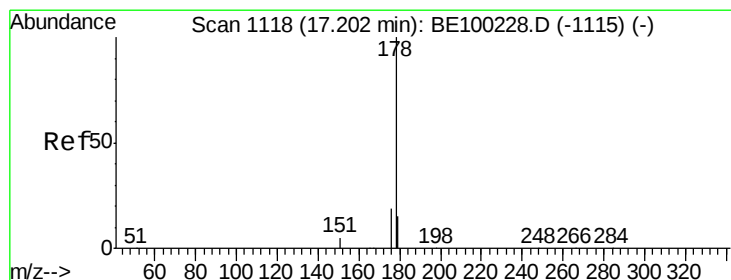
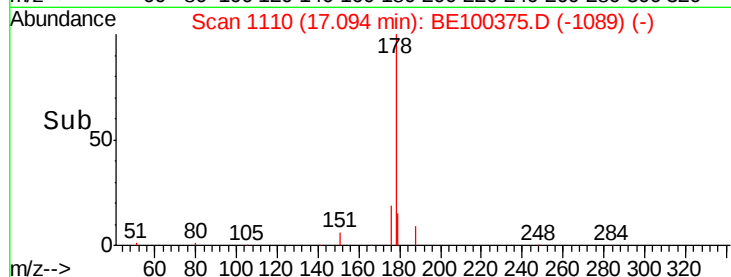
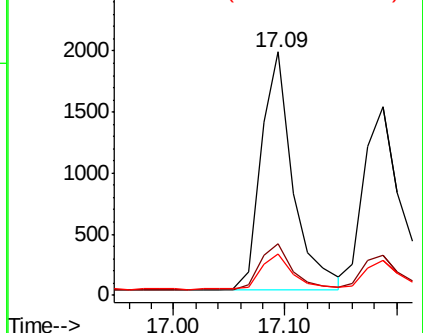
179 15.3 12.2 18.2



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: 0.355 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100375.D

Acq: 5 Jul 2019 11:18

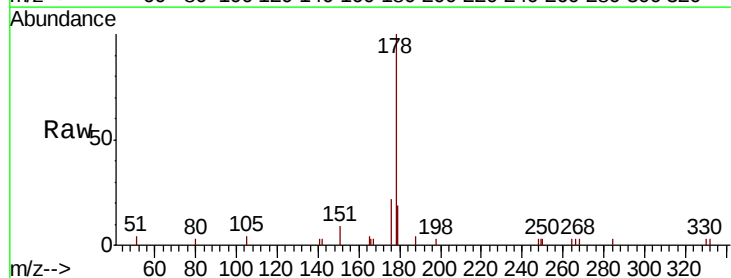
Tgt Ion:178 Resp: 3260

Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

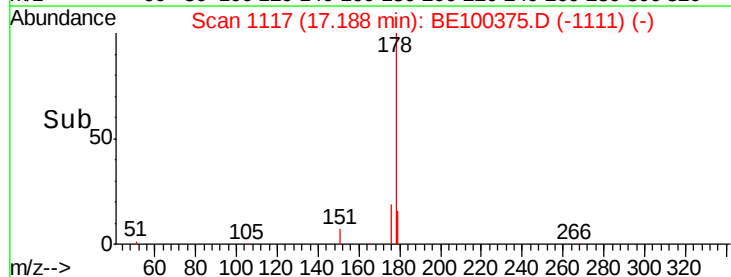
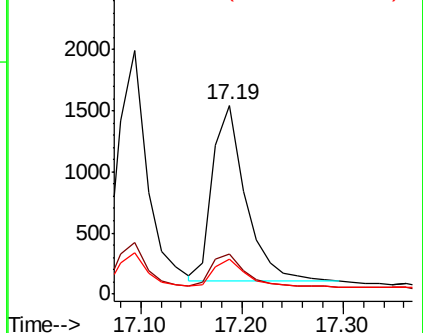
179 16.0 12.2 18.2

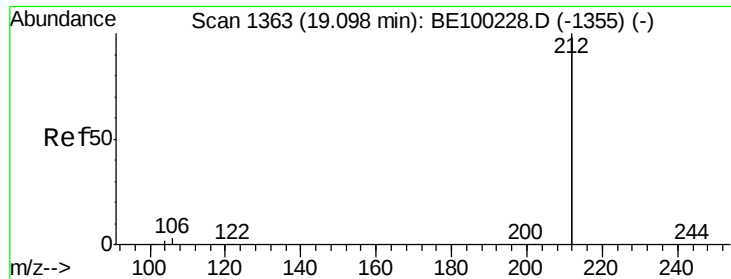


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.407 ng

RT: 19.09 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BE100375.D

Acq: 5 Jul 2019 11:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

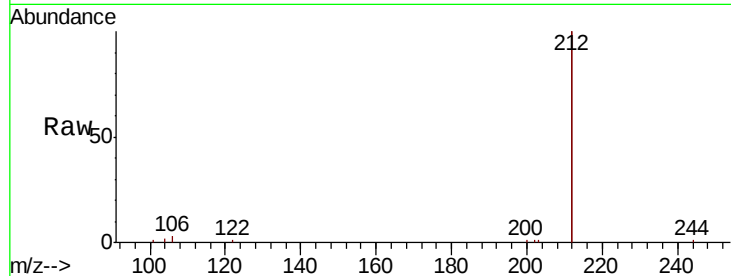
Tot Ion:212 Resp: 24833

Ion Ratio Lower Upper

212 100

106 1.5 1.3 1.9

104 0.8 0.8 1.2

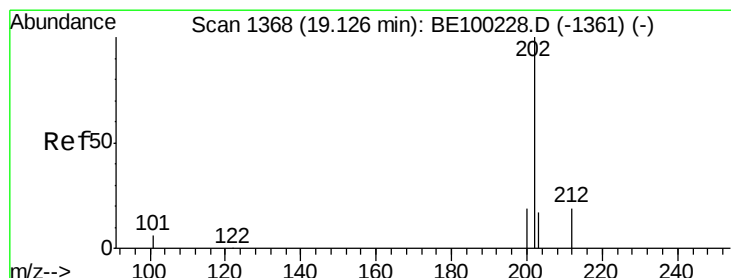
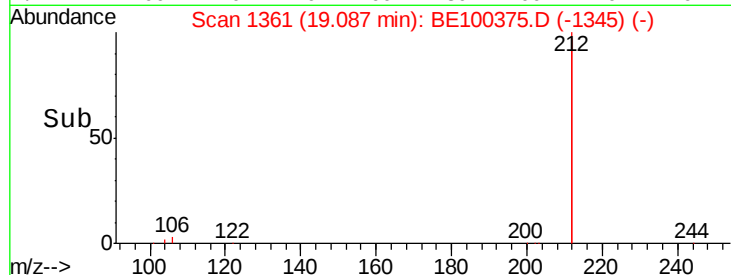
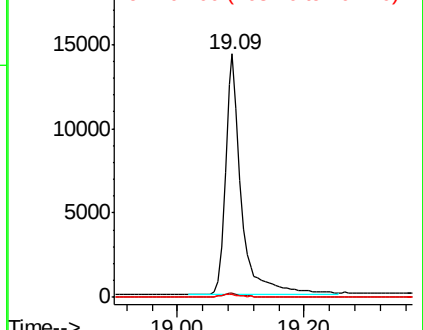


Abundance

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: 0.412 ng

RT: 19.12 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BE100375.D

Acq: 5 Jul 2019 11:18

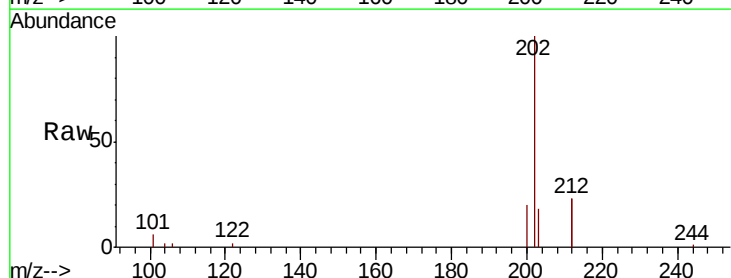
Tgt Ion:202 Resp: 6700

Ion Ratio Lower Upper

202 100

101 4.9 4.6 7.0

203 17.0 13.7 20.5

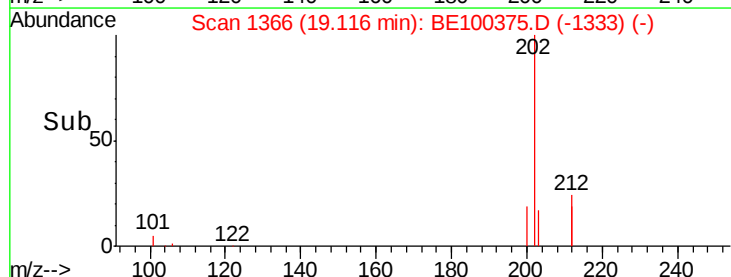
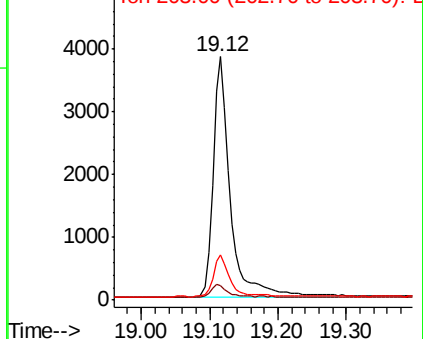


Abundance

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

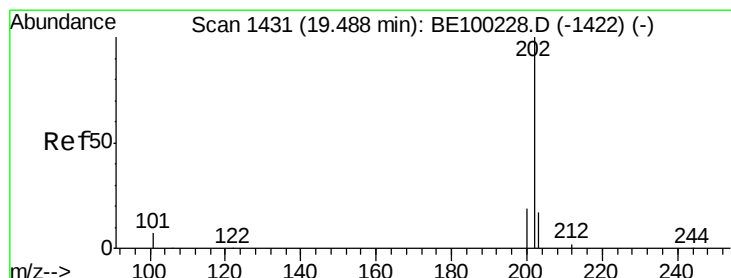
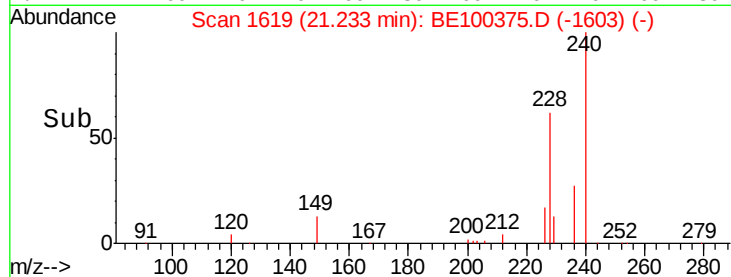
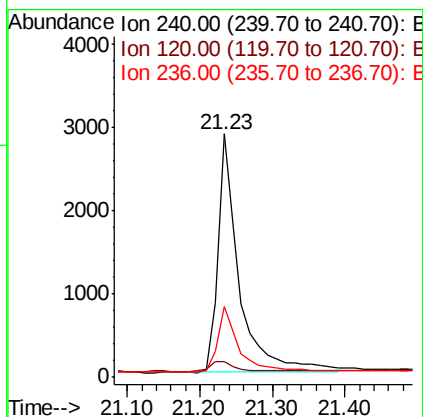
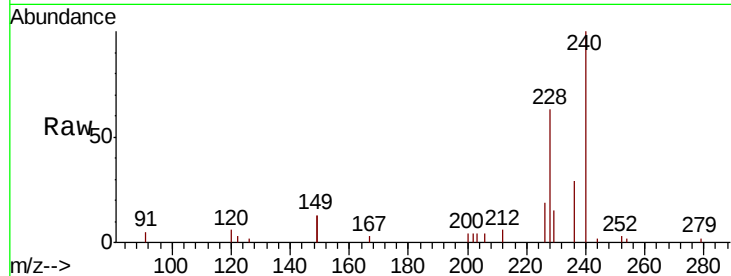




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BE100375.D
Acq: 5 Jul 2019 11:18

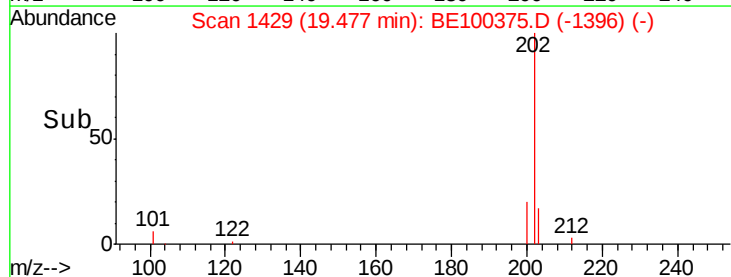
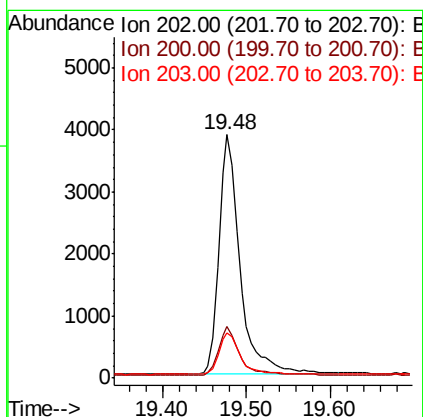
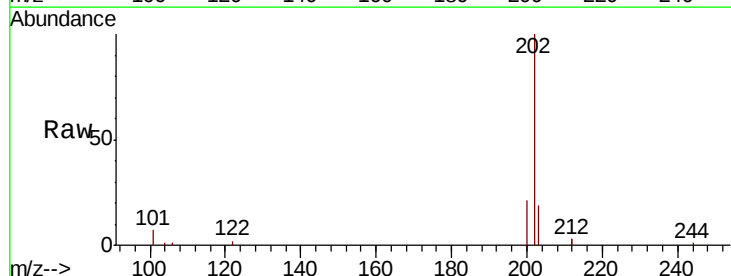
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:240 Resp: 5844
Ion Ratio Lower Upper
240 100
120 6.3 3.3 4.9#
236 29.1 22.6 34.0



#28
Pyrene
Concen: 0.442 ng
RT: 19.48 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BE100375.D
Acq: 5 Jul 2019 11:18

Tgt Ion:202 Resp: 6841
Ion Ratio Lower Upper
202 100
200 19.4 15.6 23.4
203 17.3 14.0 21.0





#29

Terphenyl-d14

Concen: 0.417 ng

RT: 19.68 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BE100375.D

Acq: 5 Jul 2019 11:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

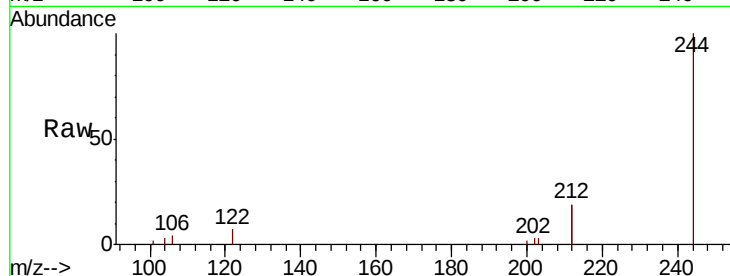
Tot Ion:244 Resp: 5045

Ion Ratio Lower Upper

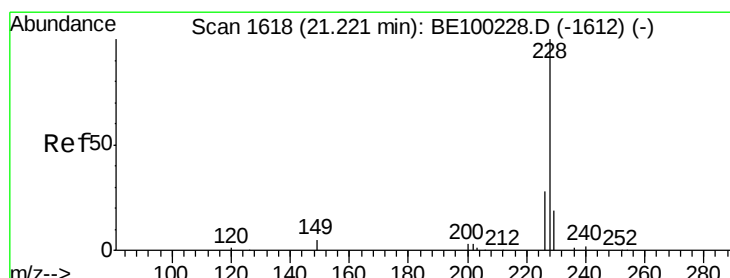
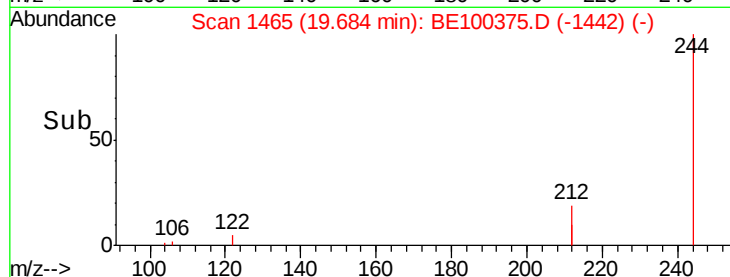
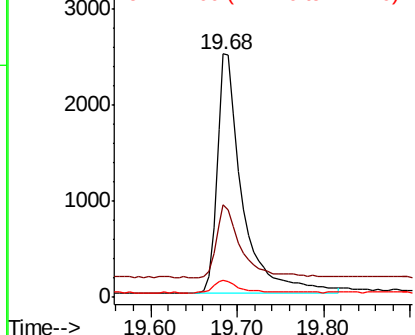
244 100

212 38.0 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: 0.363 ng

RT: 21.22 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BE100375.D

Acq: 5 Jul 2019 11:18

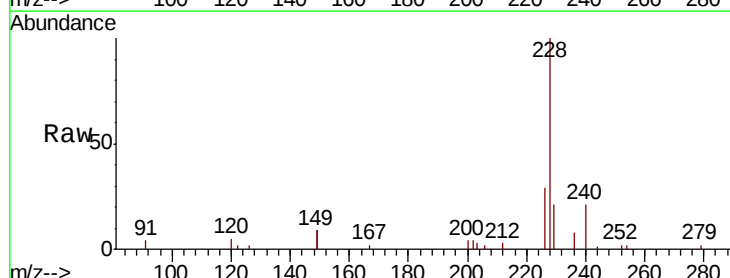
Tgt Ion:228 Resp: 6968

Ion Ratio Lower Upper

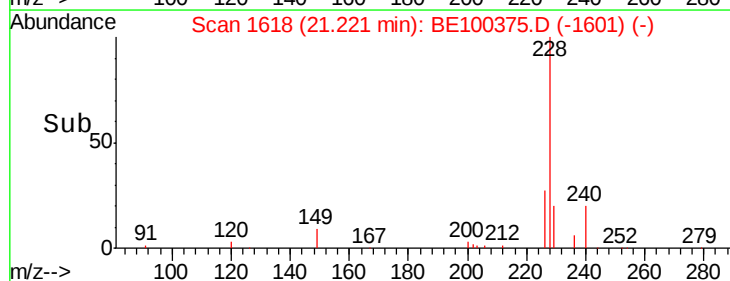
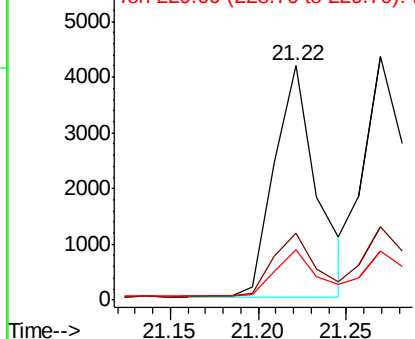
228 100

226 28.6 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

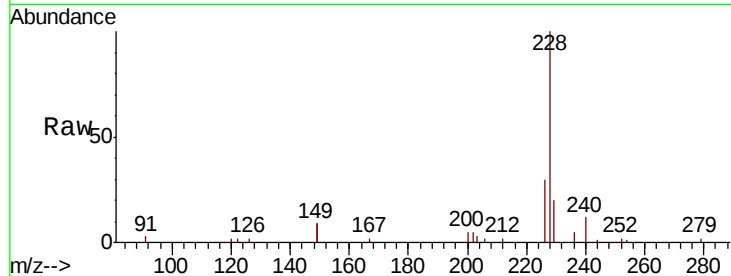




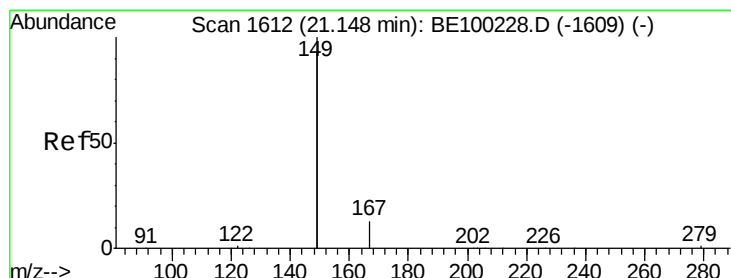
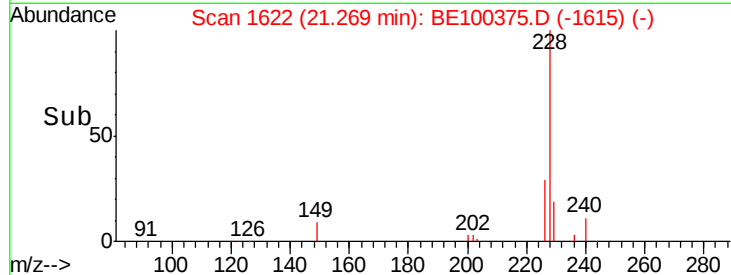
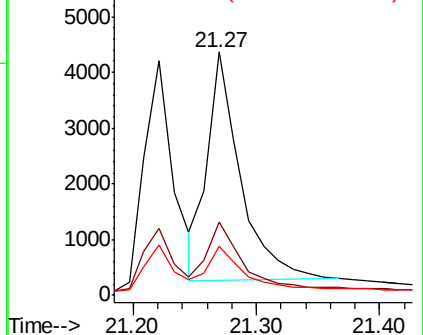
#31
 Chrysene
 Concen: 0.399 ng
 RT: 21.27 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BE100375.D
 Acq: 5 Jul 2019 11:18

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:228 Resp: 7695
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.9 35.9
 229 20.4 16.5 24.7

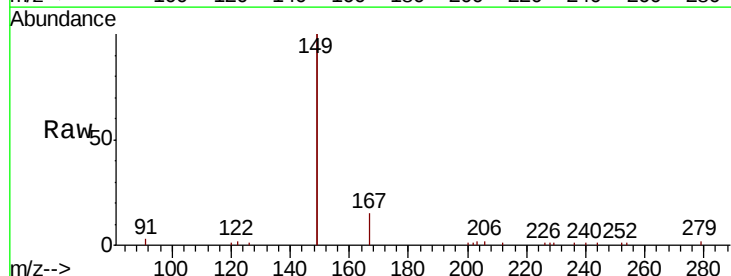


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

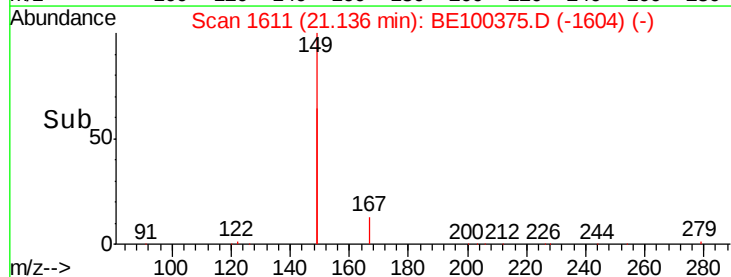
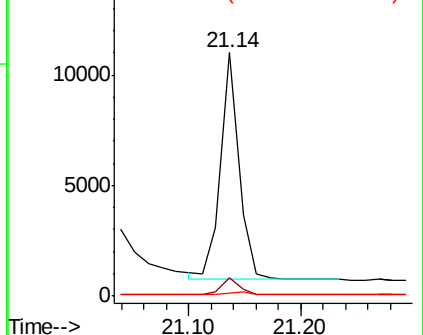


#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.377 ng
 RT: 21.14 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BE100375.D
 Acq: 5 Jul 2019 11:18

Tgt Ion:149 Resp: 11811
 Ion Ratio Lower Upper
 149 100
 167 7.5 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

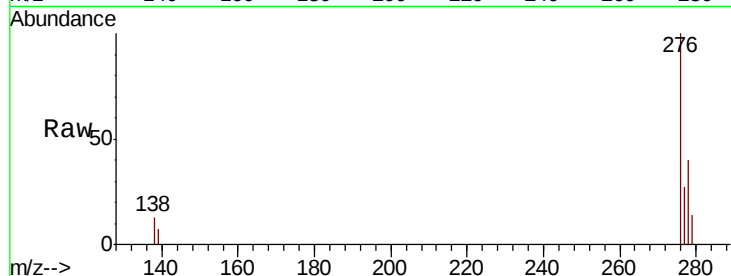




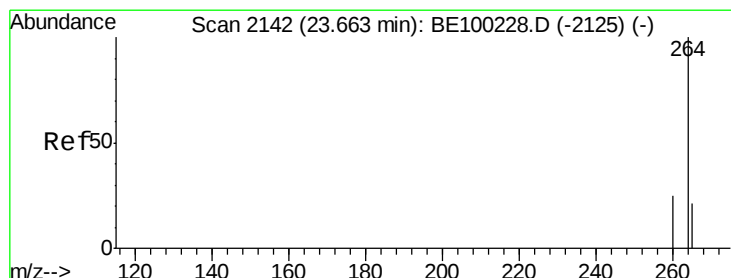
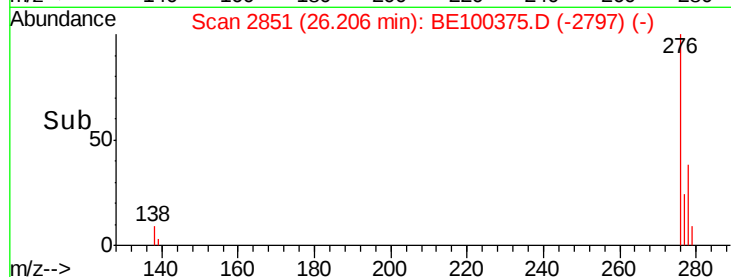
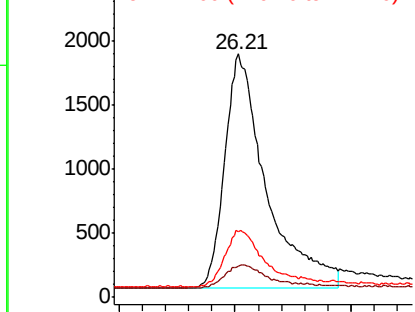
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.355 ng
RT: 26.21 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BE100375.D
Acq: 5 Jul 2019 11:18

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:276 Resp: 9070
Ion Ratio Lower Upper
276 100
138 9.4 9.4 14.0
277 23.0 19.2 28.8

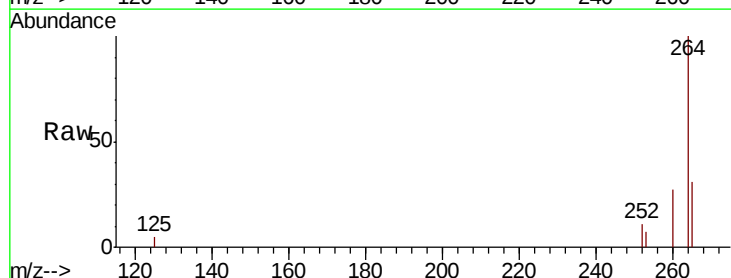


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

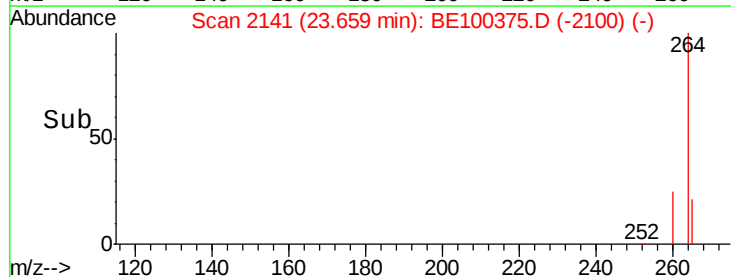
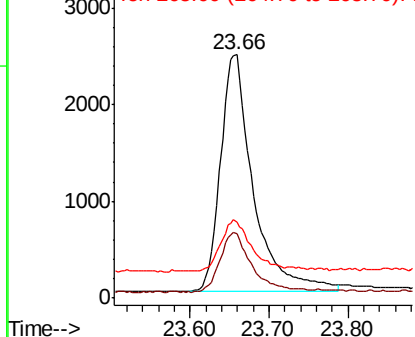


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.66 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BE100375.D
Acq: 5 Jul 2019 11:18

Tgt Ion:264 Resp: 7018
Ion Ratio Lower Upper
264 100
260 26.6 20.8 31.2
265 31.3 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

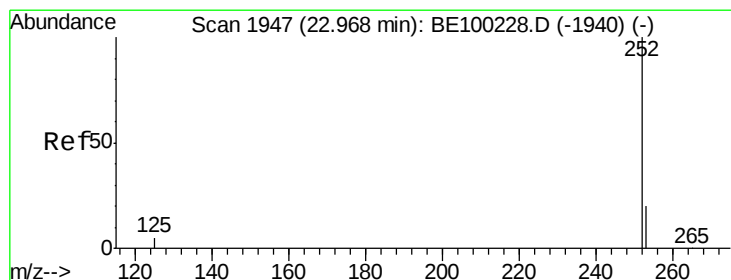
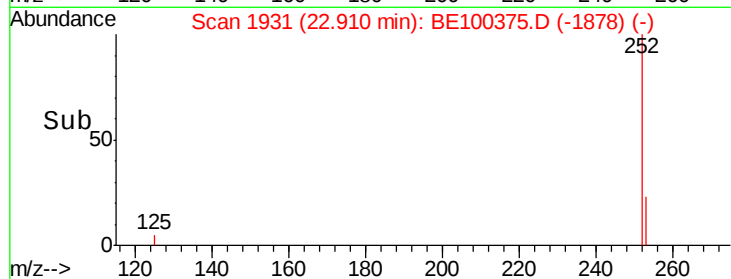
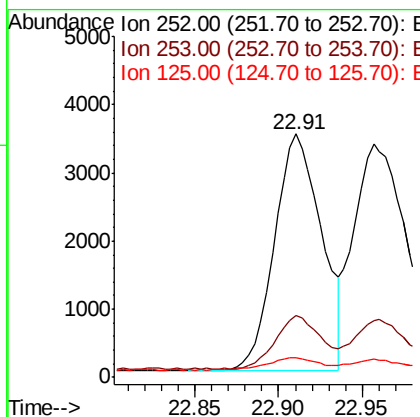
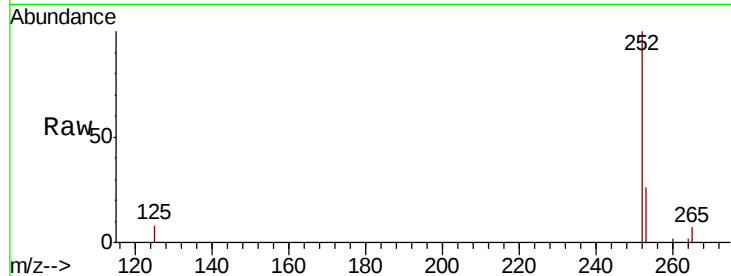




#35
Benzo(b)fluoranthene
Concen: 0.358 ng
RT: 22.91 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BE100375.D
Acq: 5 Jul 2019 11:18

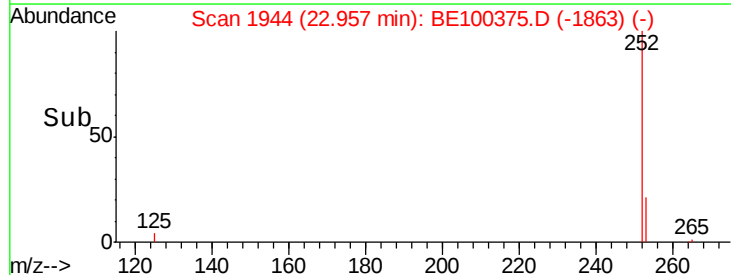
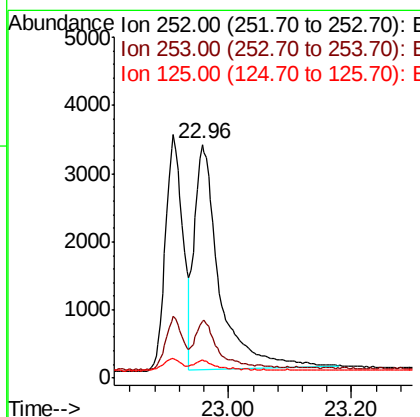
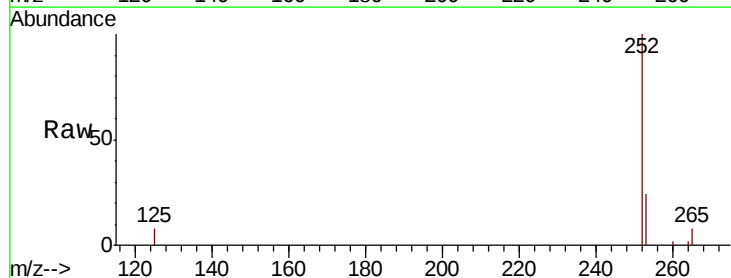
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

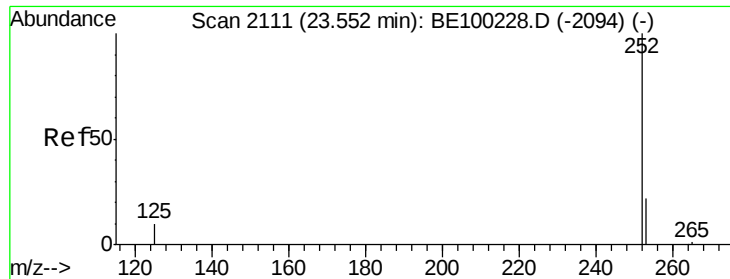
Tot Ion:252 Resp: 6820
Ion Ratio Lower Upper
252 100
253 25.6 19.2 28.8
125 8.1 7.4 11.0



#36
Benzo(k)fluoranthene
Concen: 0.434 ng
RT: 22.96 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BE100375.D
Acq: 5 Jul 2019 11:18

Tgt Ion:252 Resp: 9219
Ion Ratio Lower Upper
252 100
253 24.4 17.9 26.9
125 7.6 5.0 7.4#





#37

Benzo(a)pyrene

Concen: 0.384 ng

RT: 23.55 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BE100375.D

Acq: 5 Jul 2019 11:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

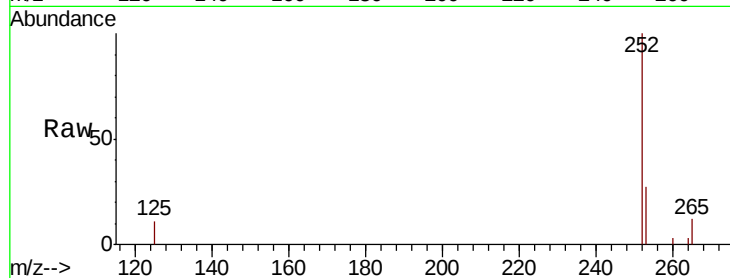
Tot Ion:252 Resp: 7320

Ion Ratio Lower Upper

252 100

253 26.6 19.6 29.4

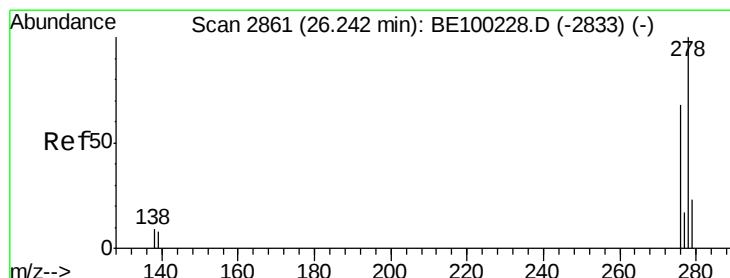
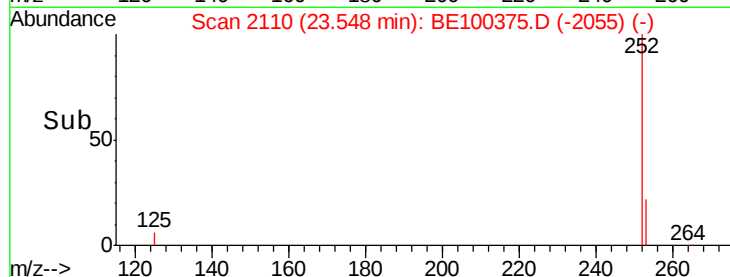
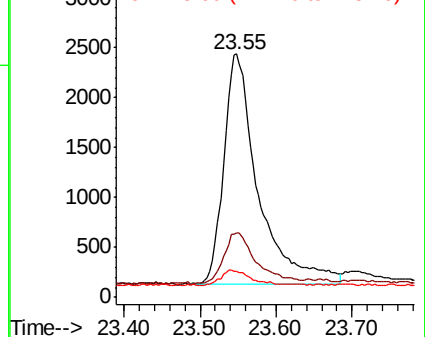
125 10.8 9.0 13.6



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: 0.342 ng

RT: 26.23 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BE100375.D

Acq: 5 Jul 2019 11:18

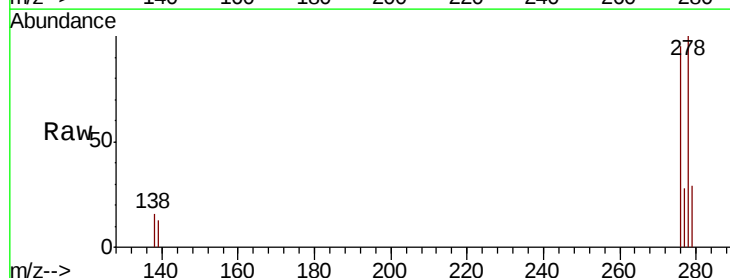
Tgt Ion:278 Resp: 6812

Ion Ratio Lower Upper

278 100

139 12.6 8.2 12.2#

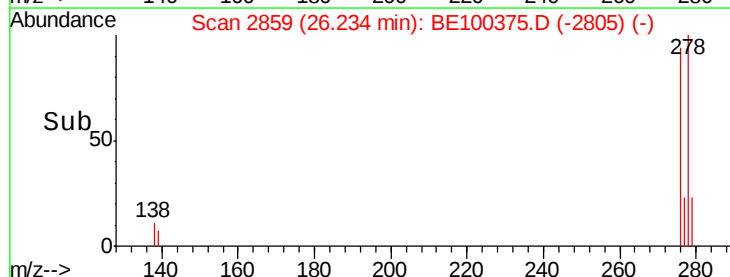
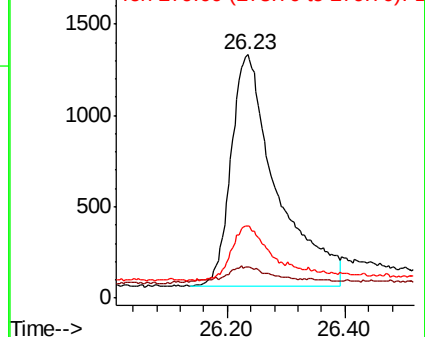
279 29.5 20.3 30.5



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: 0.415 ng

RT: 26.99 min Scan# 3072

Delta R.T. -0.01 min

Lab File: BE100375.D

Acq: 5 Jul 2019 11:18

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

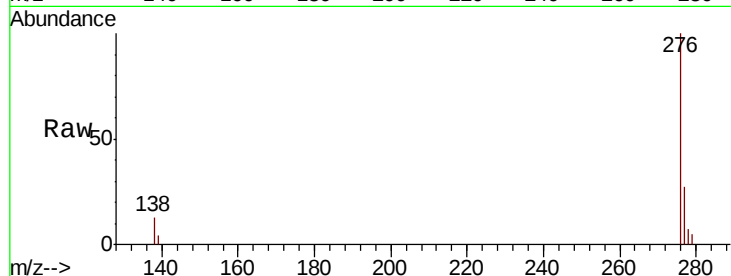
Tot Ion:276 Resp: 8481

Ion Ratio Lower Upper

276 100

277 26.7 20.2 30.2

138 12.5 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

