

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
 Data File : BE100333.D
 Acq On : 3 Jul 2019 17:50
 Operator : JU/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Quant Time: Jul 03 20:55:16 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	7.63	152	561	0.40	ng	-0.01
7) Naphthalene-d8	10.43	136	2031	0.40	ng	-0.01
13) Acenaphthene-d10	14.31	164	1615	0.40	ng	0.00
19) Phenanthrene-d10	17.05	188	4903	0.40	ng	0.00
27) Chrysene-d12	21.24	240	5899	0.40	ng	0.00
34) Perylene-d12	23.67	264	6724	0.40	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	506	0.35	ng	-0.01
5) Phenol-d6	6.84	99	638	0.34	ng	0.00
8) Nitrobenzene-d5	8.81	82	801	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	12.05	152	1670	0.44	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	309	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	2714	0.43	ng	0.00
25) Fluoranthene-d10	19.10	212	28345	0.40	ng	0.00
29) Terphenyl-d14	19.70	244	6649	0.54	ng	0.00

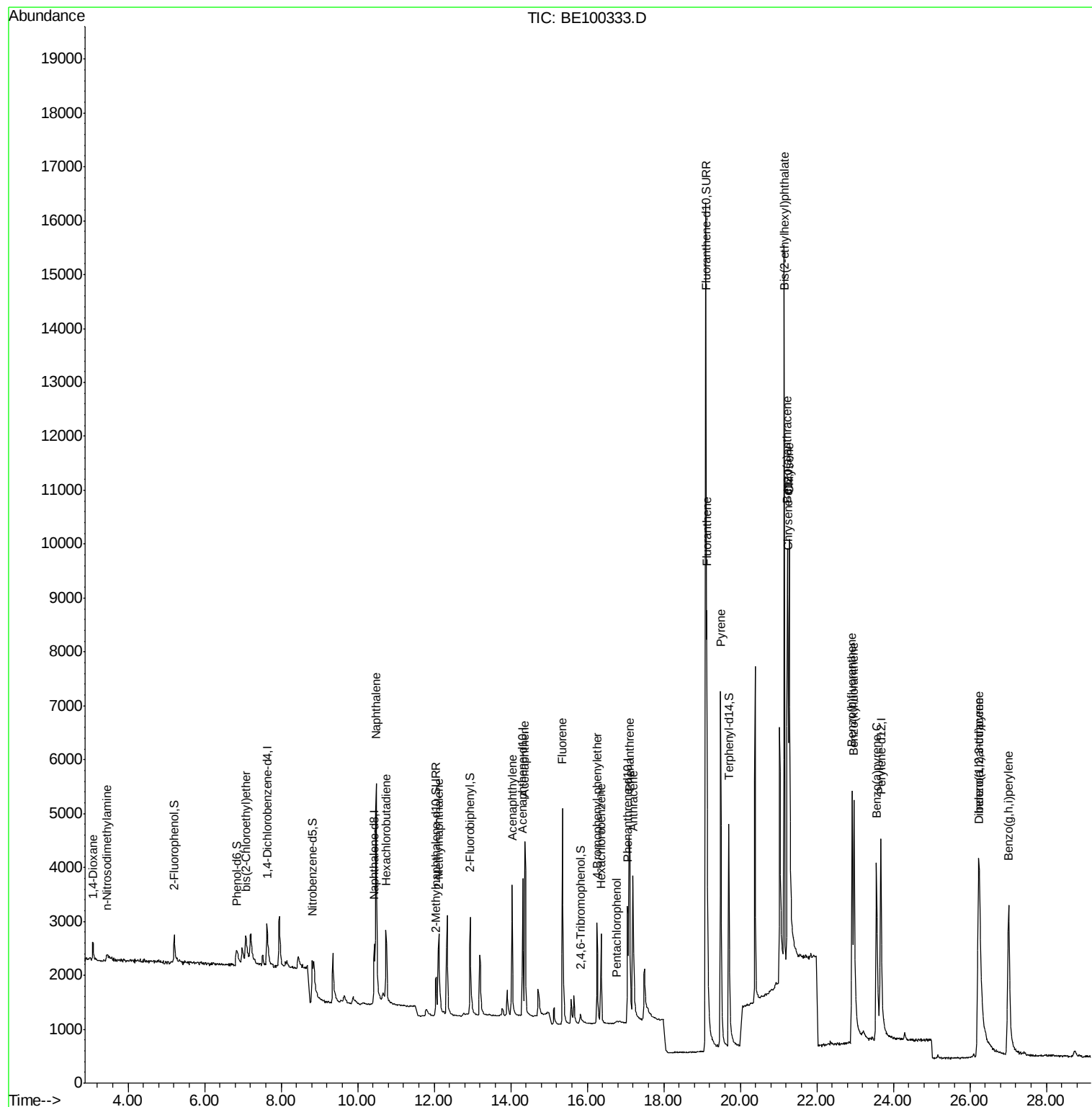
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.08	88	352	0.404	ng	# 93
3) n-Nitrosodimethylamine	3.45	42	152	0.375	ng	87
6) bis(2-Chloroethyl)ether	7.08	93	600	0.388	ng	98
9) Naphthalene	10.48	128	9569	0.427	ng	100
10) Hexachlorobutadiene	10.74	225	1058	0.490	ng	99
12) 2-Methylnaphthalene	12.12	142	1546	0.393	ng	99
16) Acenaphthylene	14.04	152	3445	0.445	ng	99
17) Acenaphthene	14.37	154	1981	0.451	ng	99
18) Fluorene	15.35	166	2891	0.445	ng	98
20) 4-Bromophenyl-phenylether	16.25	248	1409	0.450	ng	# 83
21) Hexachlorobenzene	16.36	284	1478	0.455	ng	96
22) Pentachlorophenol	16.77	266	102	0.104	ng	86
23) Phenanthrene	17.09	178	4924	0.414	ng	99
24) Anthracene	17.20	178	4214	0.394	ng	99
26) Fluoranthene	19.13	202	8001	0.423	ng	100
28) Pyrene	19.49	202	8311	0.532	ng	100
30) Benzo(a)anthracene	21.23	228	7519	0.388	ng	98
31) Chrysene	21.28	228	8517	0.437	ng	97
32) Bis(2-ethylhexyl)phthalate	21.15	149	14303	0.464	ng	100
33) Indeno(1,2,3-cd)pyrene	26.23	276	9666	0.375	ng	97
35) Benzo(b)fluoranthene	22.93	252	7026	0.385	ng	99
36) Benzo(k)fluoranthene	22.97	252	9560	0.470	ng	# 96
37) Benzo(a)pyrene	23.56	252	7763	0.425	ng	94
38) Dibenzo(a,h)anthracene	26.25	278	6903	0.362	ng	# 95
39) Benzo(g,h,i)perylene	27.01	276	8700	0.444	ng	97

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

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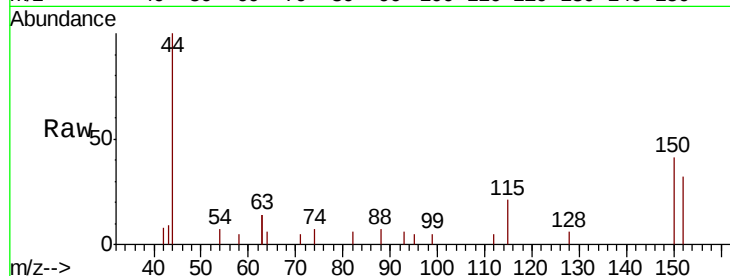


#1

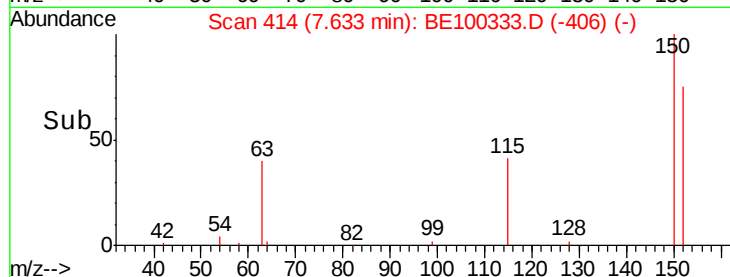
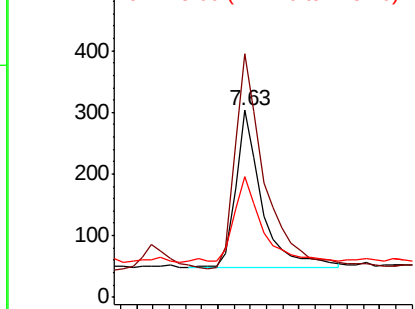
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 414
Delta R.T. -0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:152 Resp: 561
Ion Ratio Lower Upper
152 100
150 130.4 114.5 171.7
115 64.7 57.1 85.7



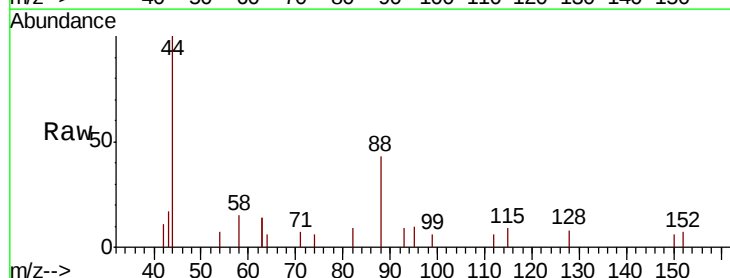
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



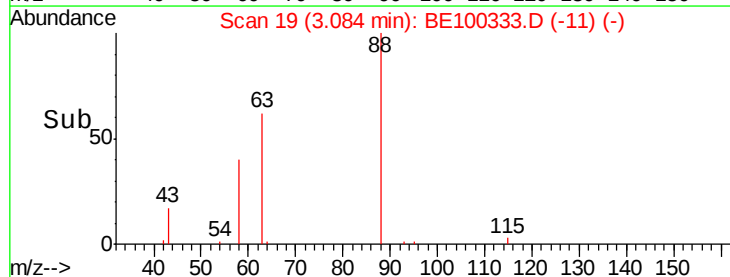
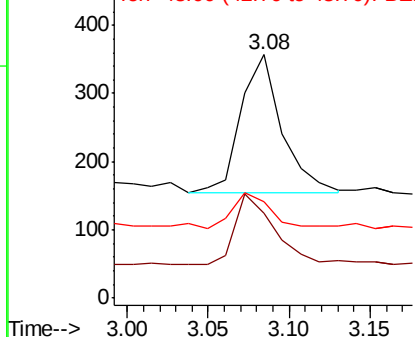
#2

1,4-Dioxane
Concen: 0.404 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion: 88 Resp: 352
Ion Ratio Lower Upper
88 100
58 50.6 43.6 65.4
43 21.0 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: 0.375 ng

RT: 3.45 min Scan# 51

Delta R.T. -0.01 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

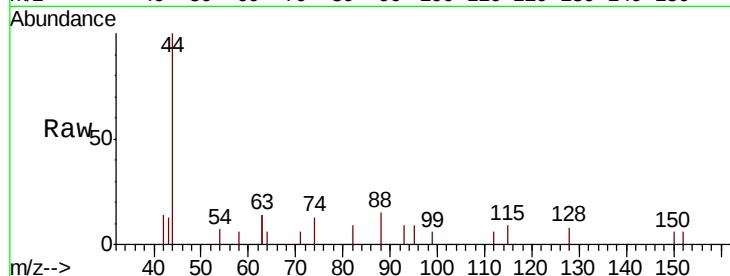
Tot Ion: 42 Resp: 152

Ion Ratio Lower Upper

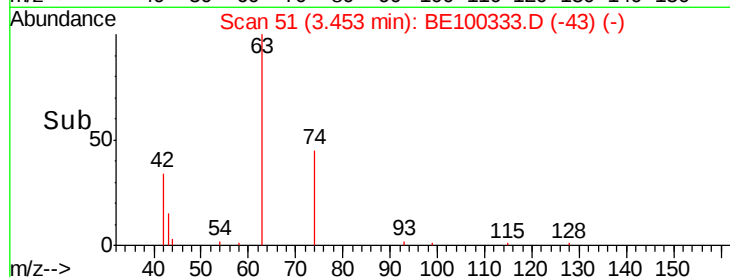
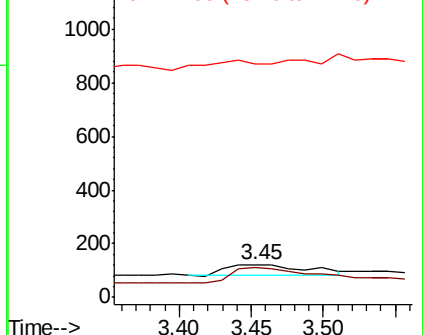
42 100

74 146.1 130.6 196.0

44 56.6 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: 0.354 ng

RT: 5.20 min Scan# 203

Delta R.T. -0.01 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

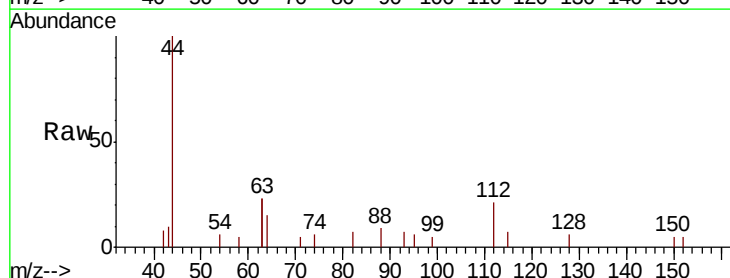
Tgt Ion: 112 Resp: 506

Ion Ratio Lower Upper

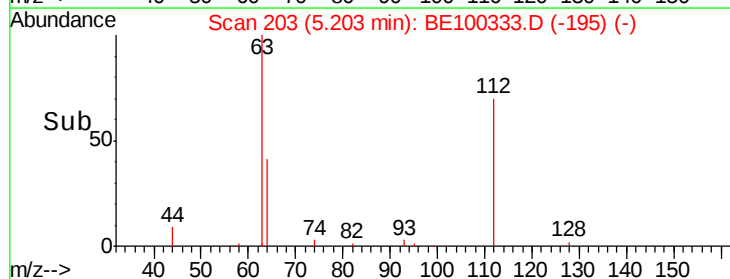
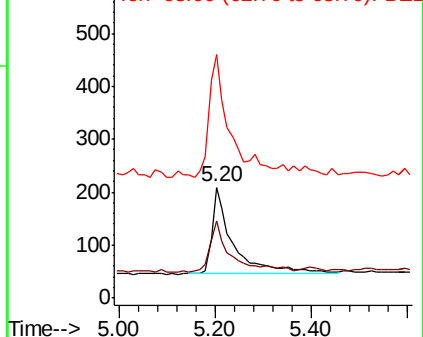
112 100

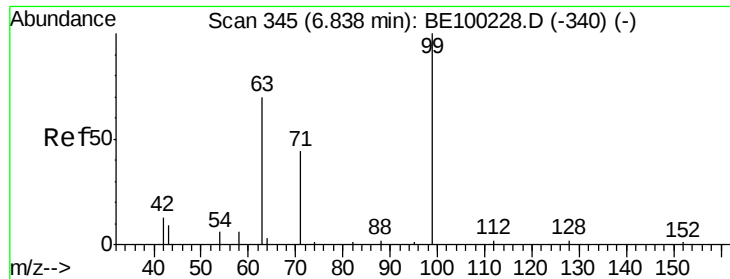
64 57.3 39.4 59.0

63 122.1 104.5 156.7



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: 0.339 ng

RT: 6.84 min Scan# 345

Delta R.T. 0.00 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

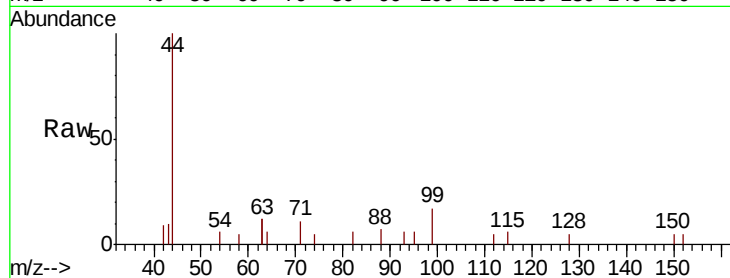
Tot Ion: 99 Resp: 638

Ion Ratio Lower Upper

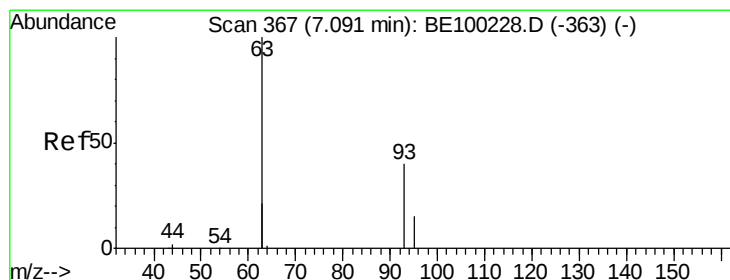
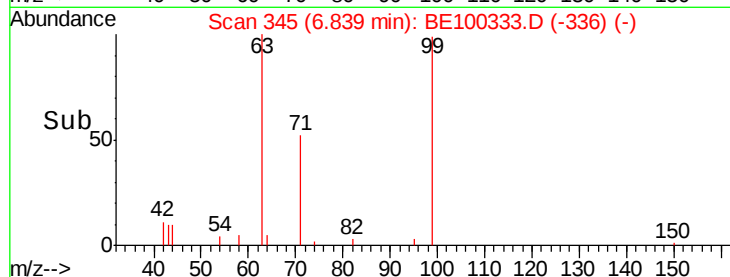
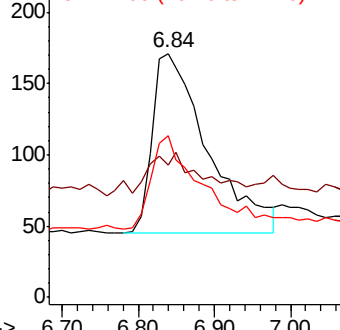
99 100

42 24.8 11.2 16.8#

71 51.4 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: 0.388 ng

RT: 7.08 min Scan# 366

Delta R.T. -0.01 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

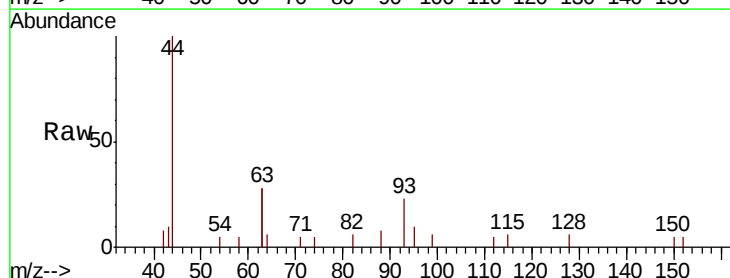
Tgt Ion: 93 Resp: 600

Ion Ratio Lower Upper

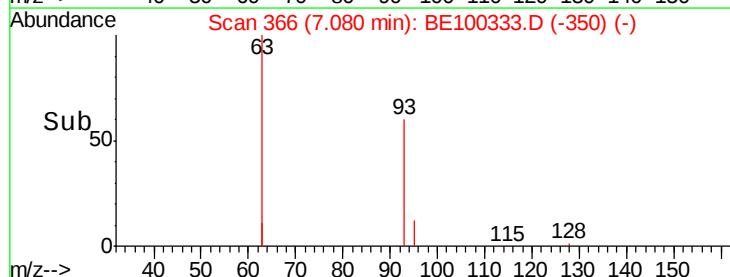
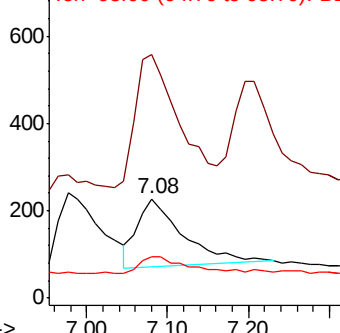
93 100

63 190.7 155.6 233.4

95 29.2 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: 10.43 min Scan# 636

Delta R.T. -0.01 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:136 Resp: 2031

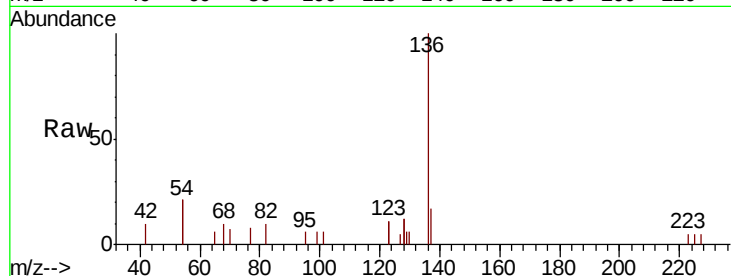
Ion Ratio Lower Upper

136 100

137 16.5 11.8 17.8

54 41.1 27.7 41.5

68 9.9 6.8 10.2

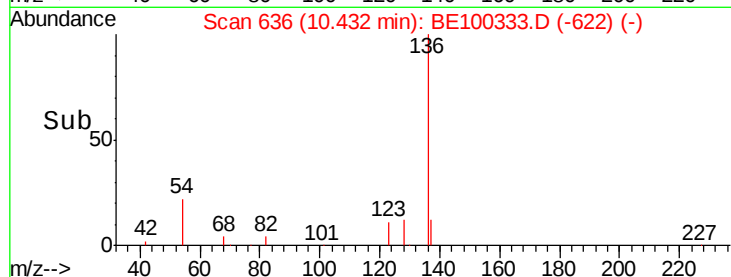
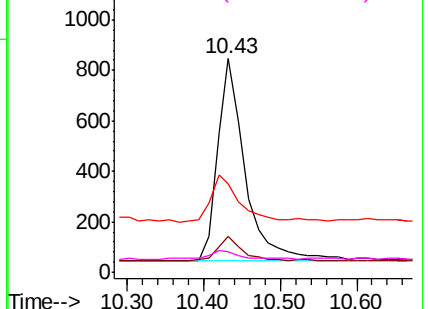


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.397 ng

RT: 8.81 min Scan# 511

Delta R.T. -0.01 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

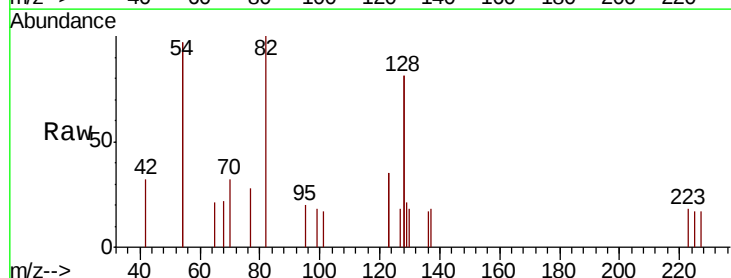
Tgt Ion: 82 Resp: 801

Ion Ratio Lower Upper

82 100

128 162.0 140.9 211.3

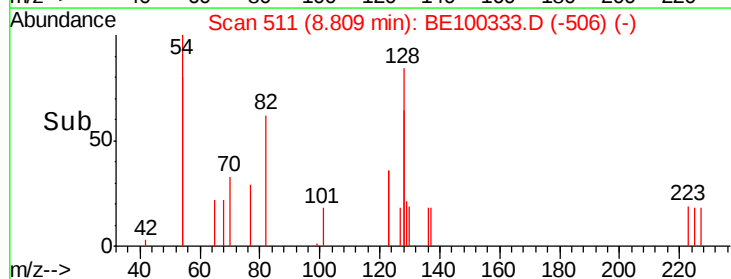
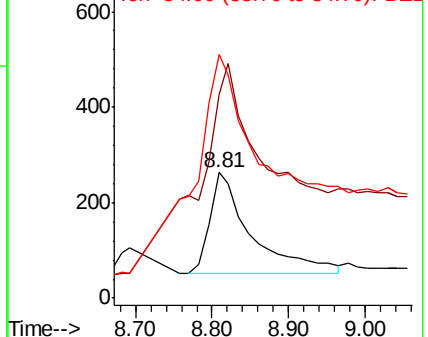
54 193.9 146.2 219.2

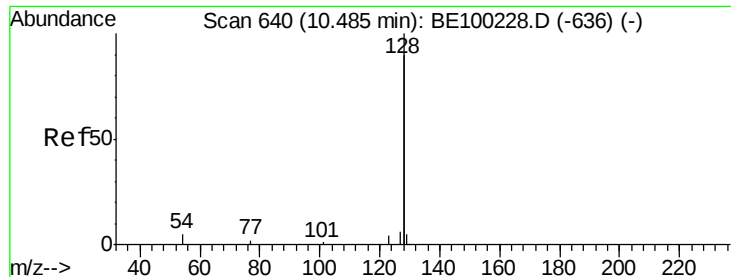


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.427 ng

RT: 10.48 min Scan# 640

Delta R.T. -0.00 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

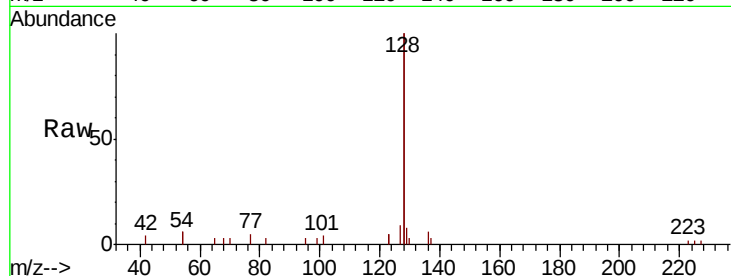
Tot Ion:128 Resp: 9569

Ion Ratio Lower Upper

128 100

129 3.8 3.0 4.6

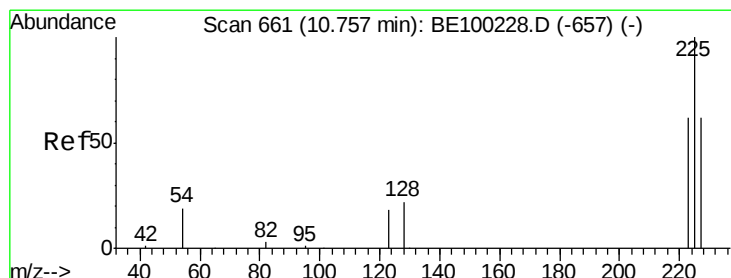
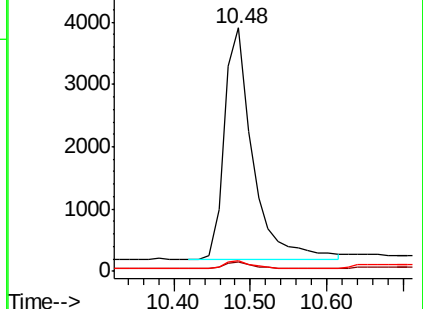
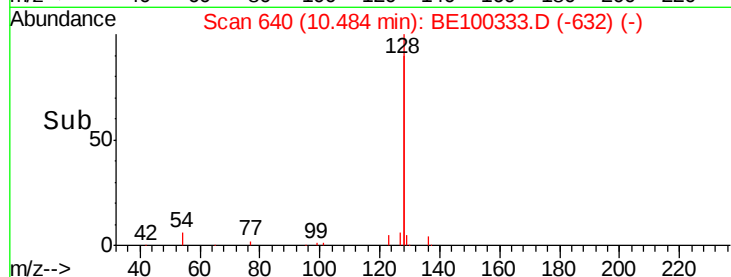
127 4.3 3.5 5.3



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: 0.490 ng

RT: 10.74 min Scan# 660

Delta R.T. -0.01 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

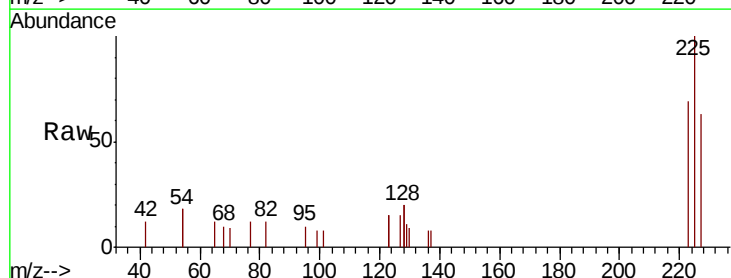
Tgt Ion:225 Resp: 1058

Ion Ratio Lower Upper

225 100

223 62.8 49.1 73.7

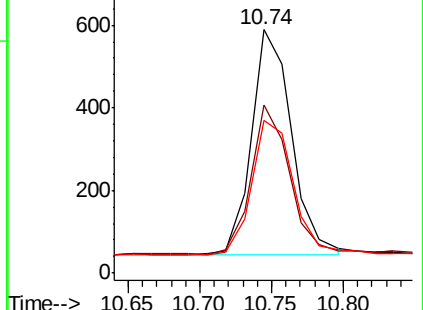
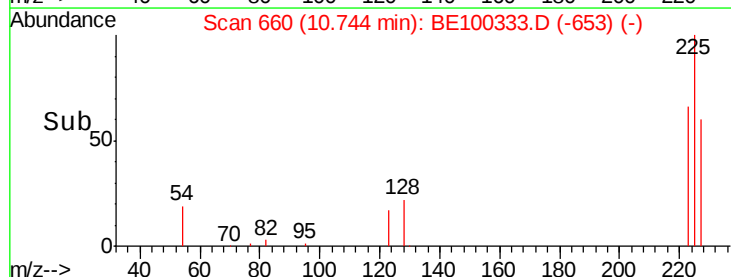
227 62.0 49.3 73.9

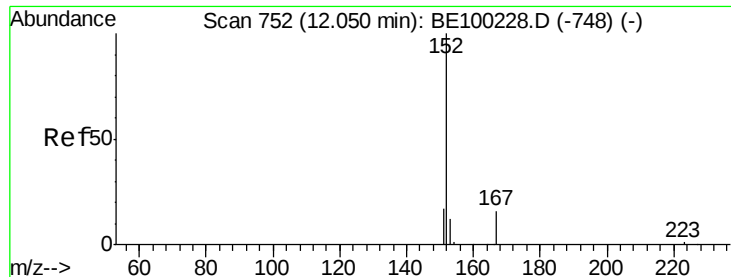


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

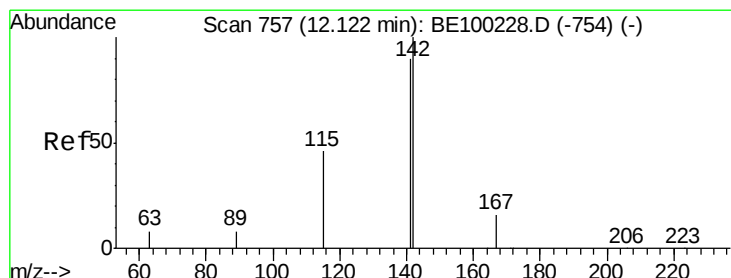
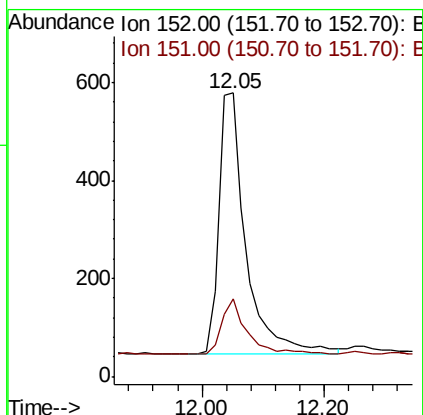
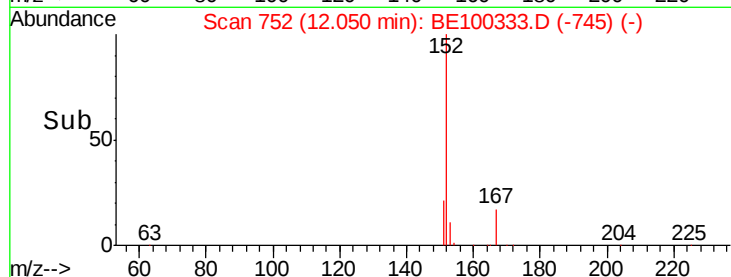
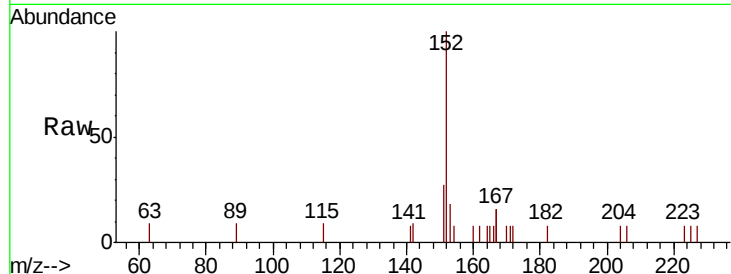




#11
2-Methylnaphthalene-d10
Concen: 0.437 ng
RT: 12.05 min Scan# 752
Delta R.T. 0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

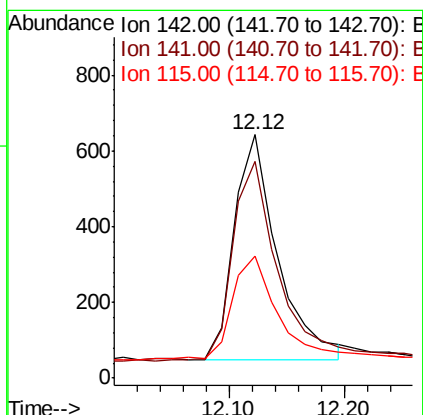
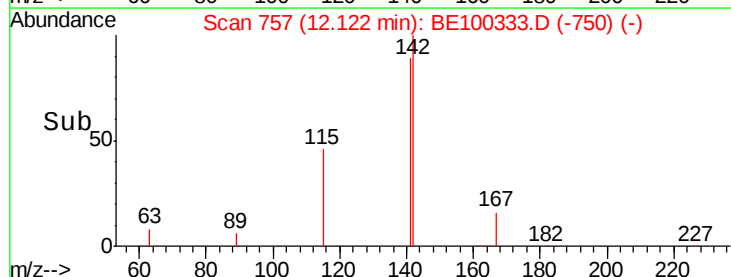
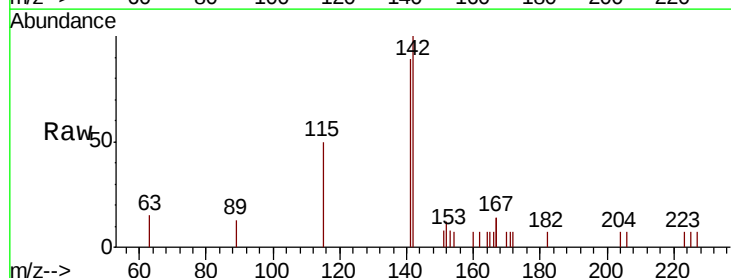
Instrument :
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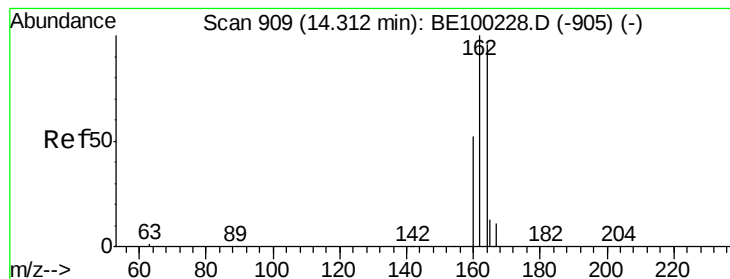
Tot Ion:152 Resp: 1670
Ion Ratio Lower Upper
152 100
151 19.2 15.1 22.7



#12
2-Methylnaphthalene
Concen: 0.393 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion:142 Resp: 1546
Ion Ratio Lower Upper
142 100
141 89.1 72.4 108.6
115 50.1 40.4 60.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.31 min Scan# 909

Delta R.T. 0.00 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

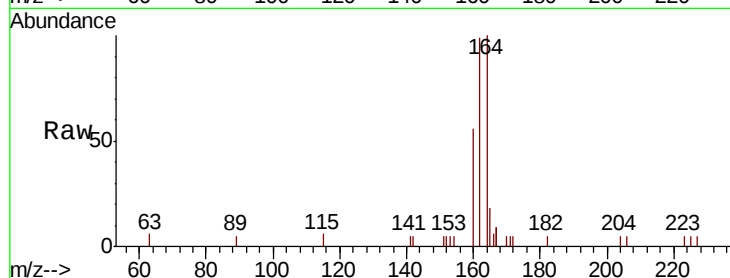
Tot Ion:164 Resp: 1615

Ion Ratio Lower Upper

164 100

162 99.4 83.4 125.0

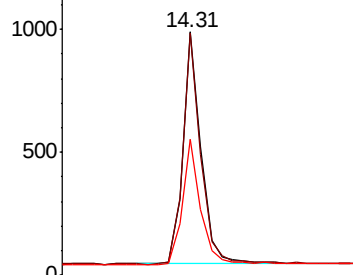
160 55.8 45.0 67.6



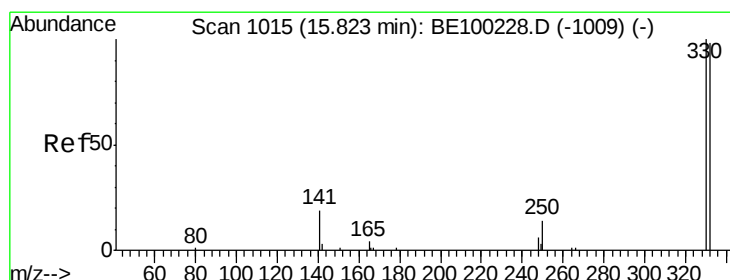
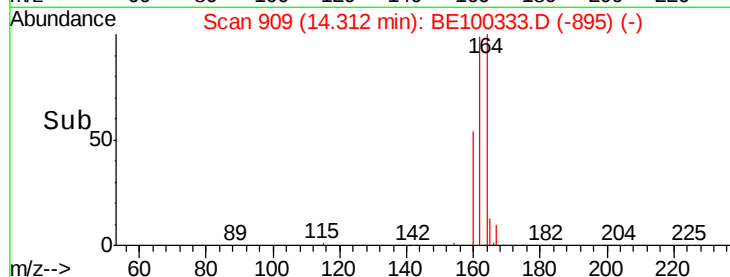
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#14

2,4,6-Tribromophenol

Concen: 0.274 ng

RT: 15.82 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

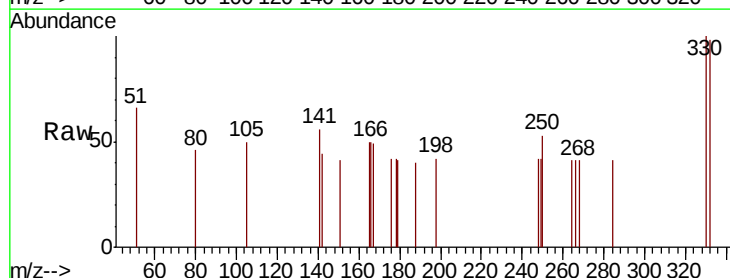
Tgt Ion:330 Resp: 309

Ion Ratio Lower Upper

330 100

332 91.9 77.0 115.4

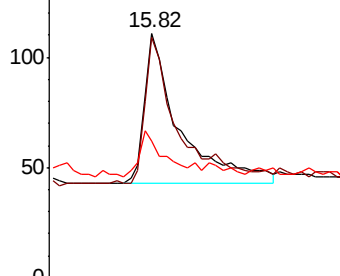
141 20.7 22.0 33.0#



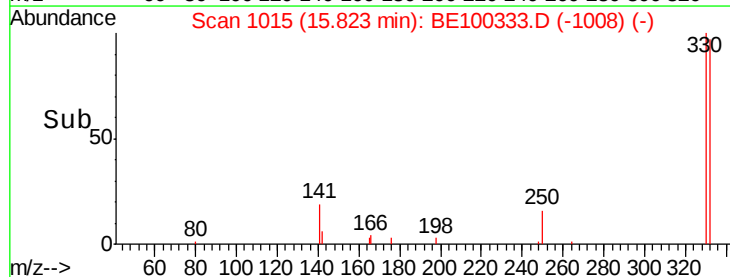
Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

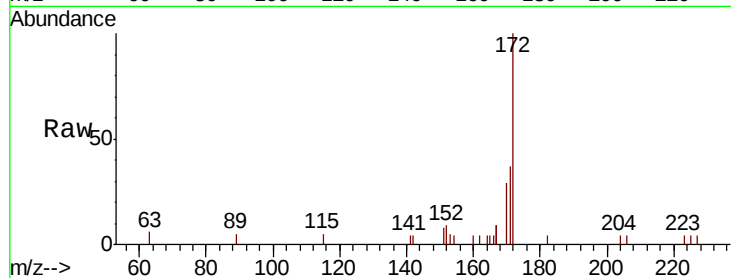




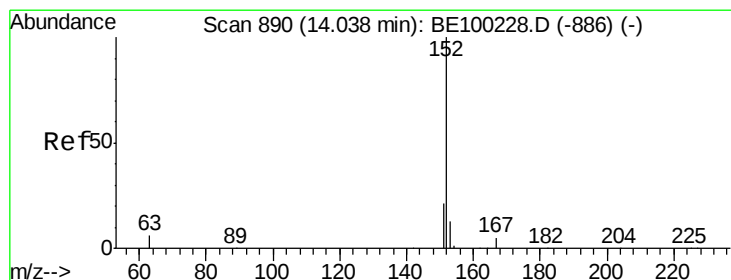
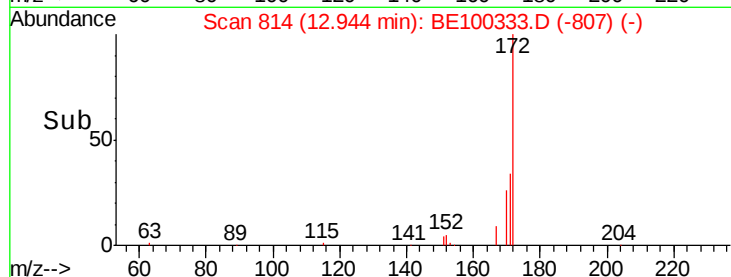
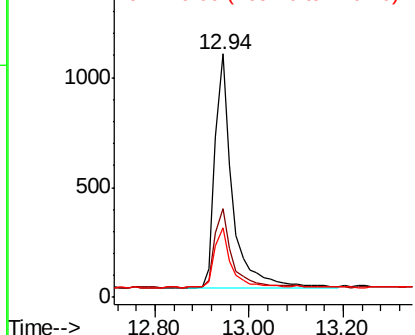
#15
2-Fluorobiphenyl
Concen: 0.431 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:172 Resp: 2714
Ion Ratio Lower Upper
172 100
171 36.6 31.9 47.9
170 28.7 22.2 33.2

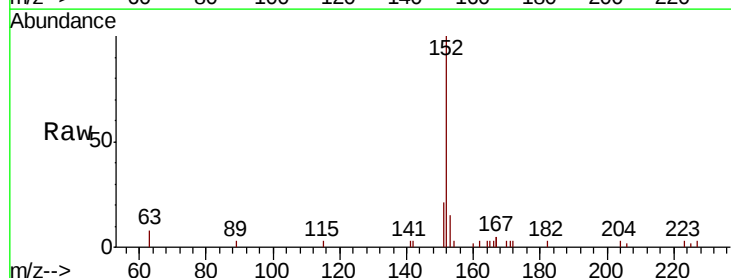


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

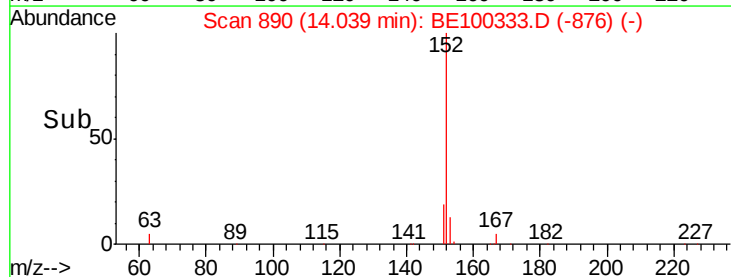
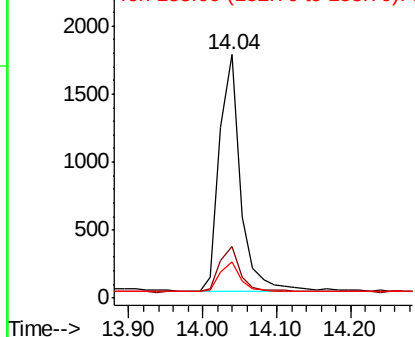


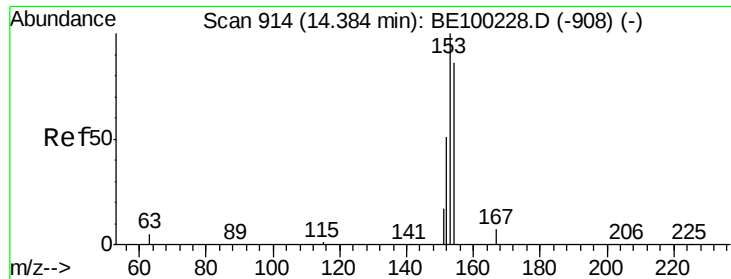
#16
Acenaphthylene
Concen: 0.445 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion:152 Resp: 3445
Ion Ratio Lower Upper
152 100
151 19.9 16.6 25.0
153 12.8 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

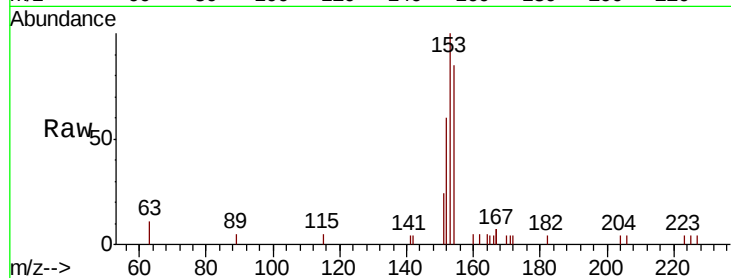




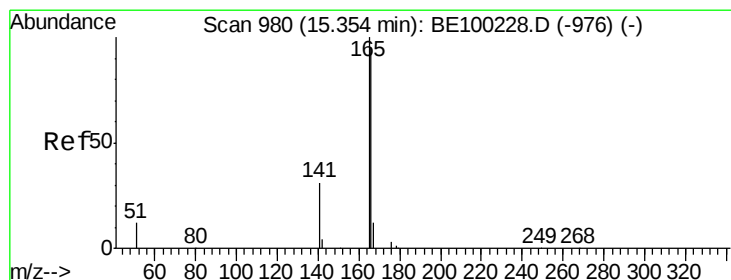
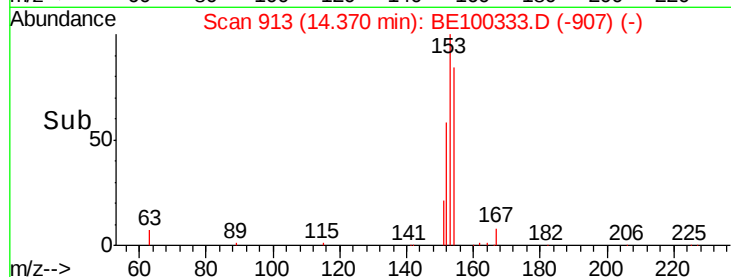
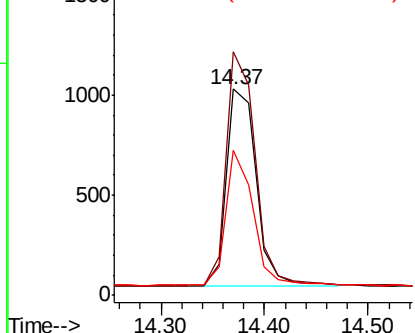
#17
Acenaphthene
Concen: 0.451 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:154 Resp: 1981
Ion Ratio Lower Upper
154 100
153 115.0 93.4 140.2
152 62.6 49.4 74.2

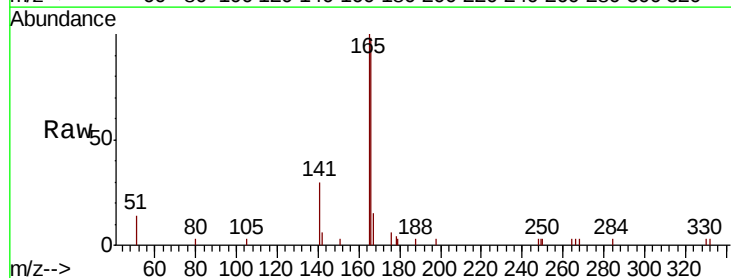


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

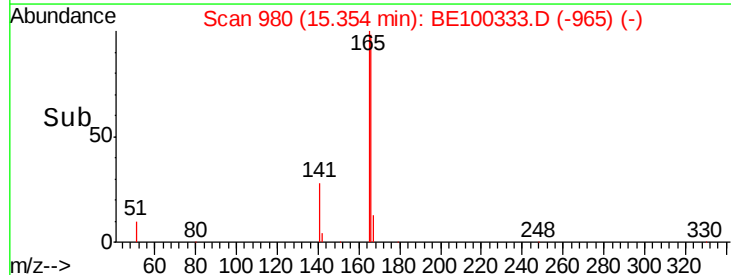
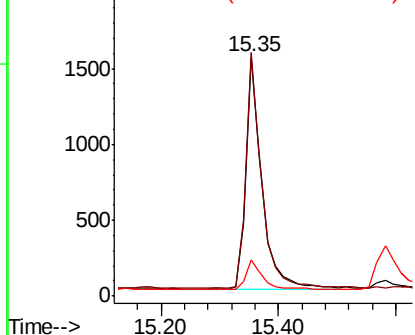


#18
Fluorene
Concen: 0.445 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion:166 Resp: 2891
Ion Ratio Lower Upper
166 100
165 99.9 81.1 121.7
167 12.6 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

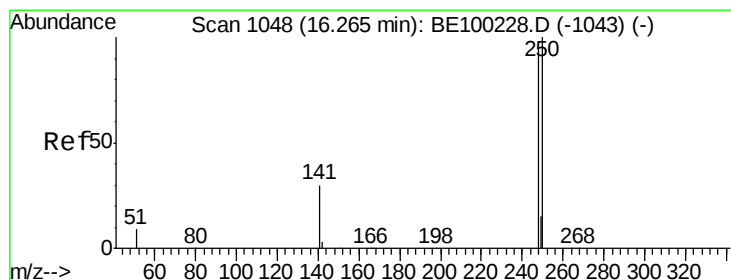
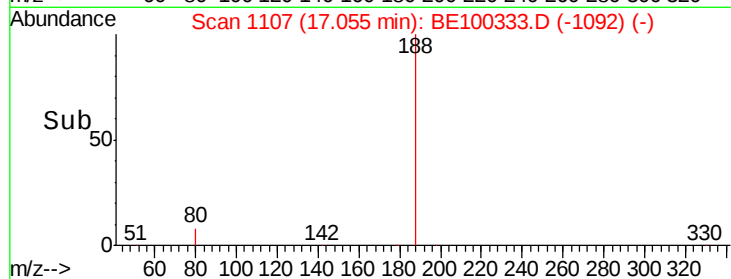
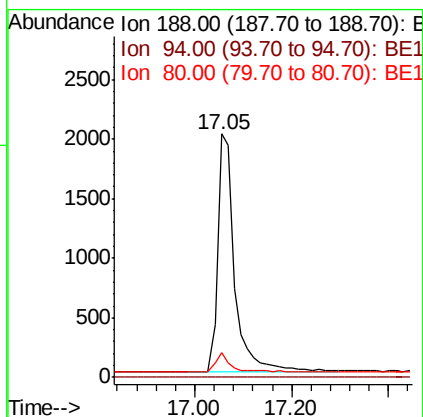
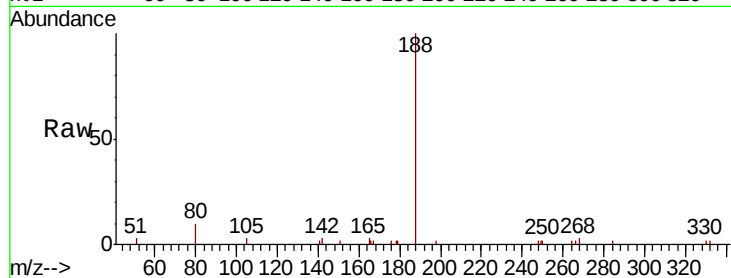




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

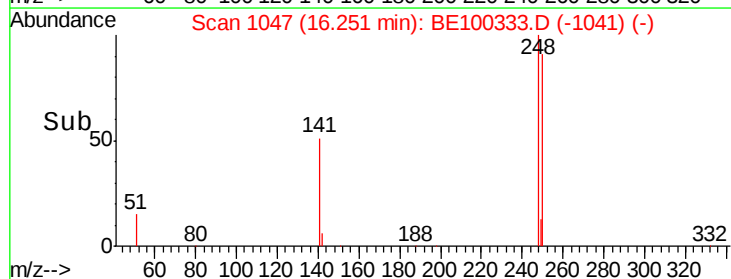
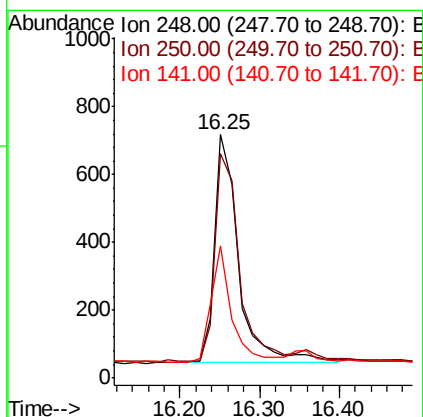
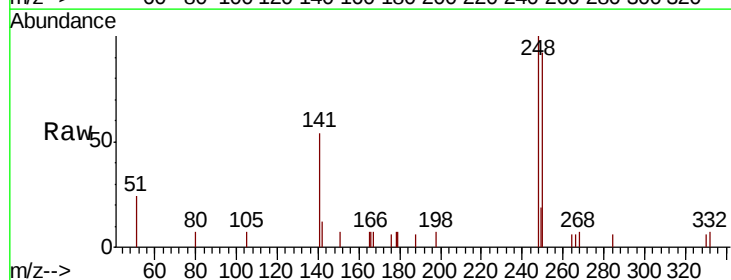
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:188 Resp: 4903
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 7.6 11.4



#20
4-Bromophenyl-phenylether
Concen: 0.450 ng
RT: 16.25 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion:248 Resp: 1409
Ion Ratio Lower Upper
248 100
250 92.2 84.2 126.4
141 54.5 29.3 43.9#





#21

Hexachlorobenzene

Concen: 0.455 ng

RT: 16.36 min Scan# 1055

Delta R.T. -0.00 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

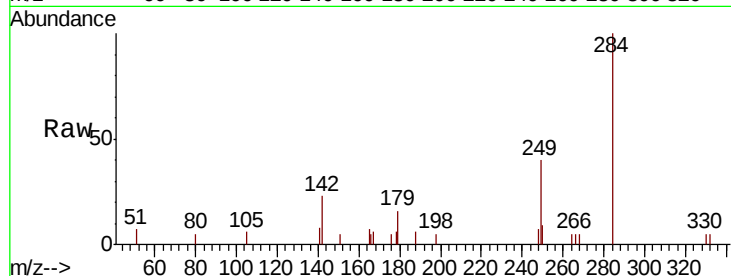
Tot Ion:284 Resp: 1478

Ion Ratio Lower Upper

284 100

142 24.0 18.8 28.2

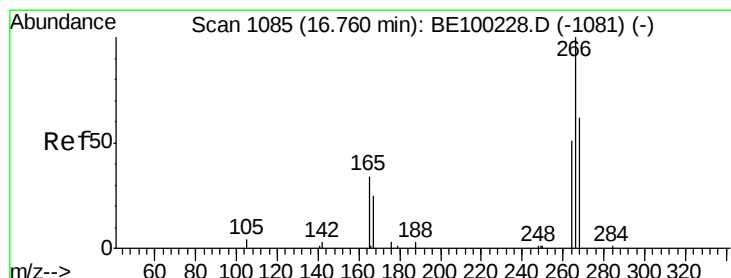
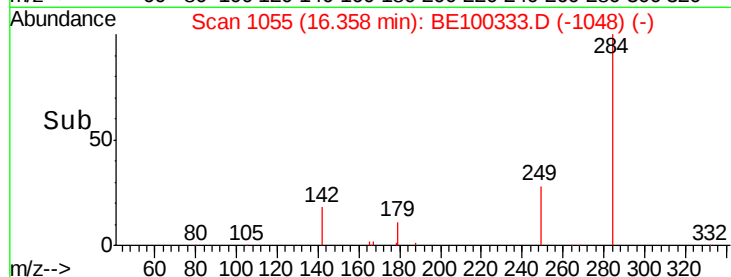
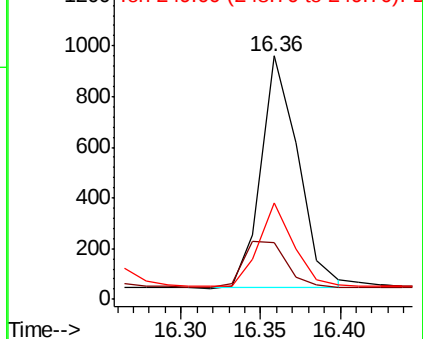
249 32.6 23.7 35.5



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: 0.104 ng

RT: 16.77 min Scan# 1086

Delta R.T. 0.01 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

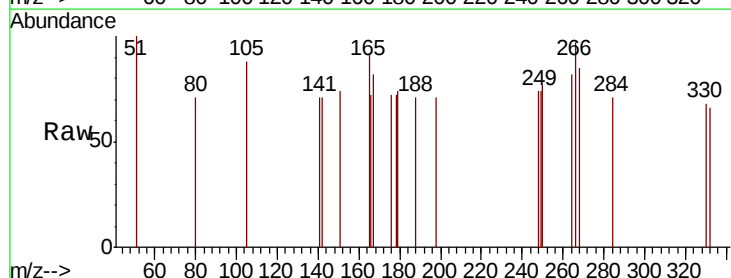
Tgt Ion:266 Resp: 102

Ion Ratio Lower Upper

266 100

264 84.1 56.2 84.2

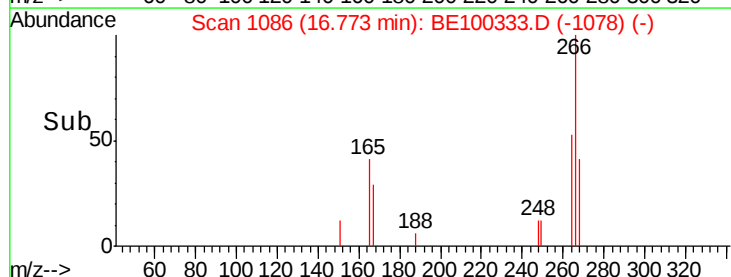
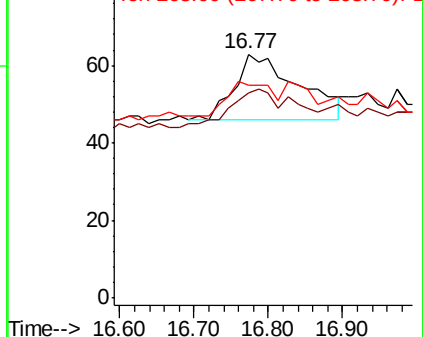
268 87.3 61.8 92.6

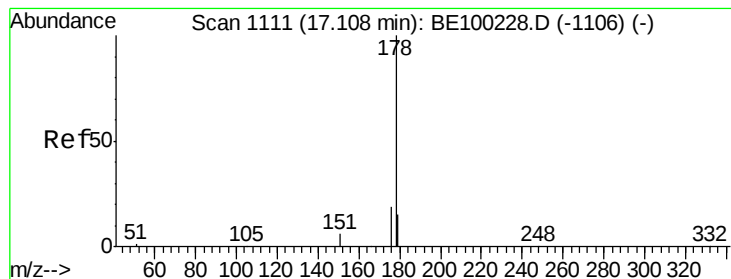


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.414 ng

RT: 17.09 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

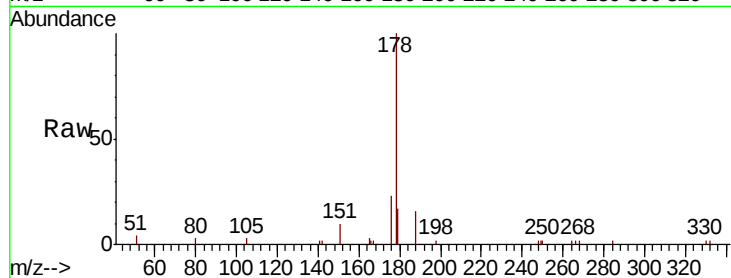
Tot Ion:178 Resp: 4924

Ion Ratio Lower Upper

178 100

176 19.8 15.9 23.9

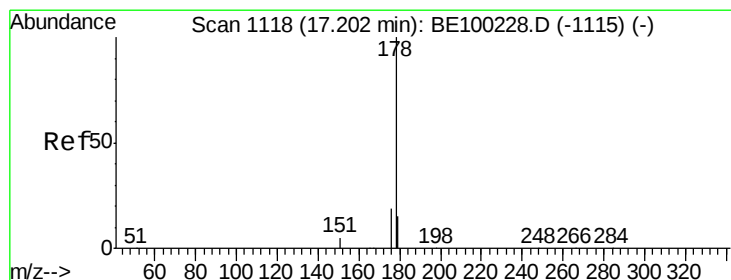
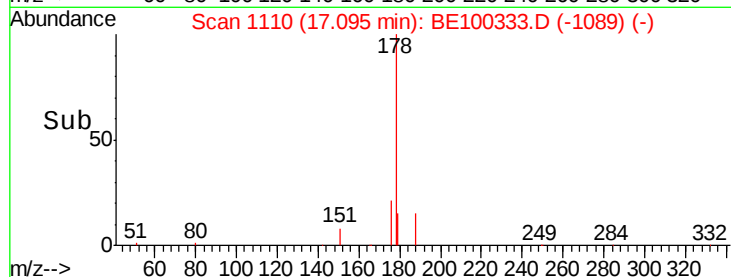
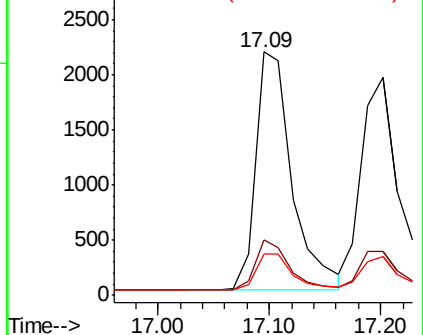
179 15.9 12.2 18.2



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



#24

Anthracene

Concen: 0.394 ng

RT: 17.20 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

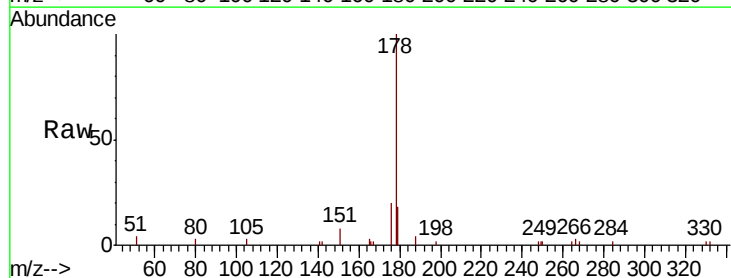
Tgt Ion:178 Resp: 4214

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

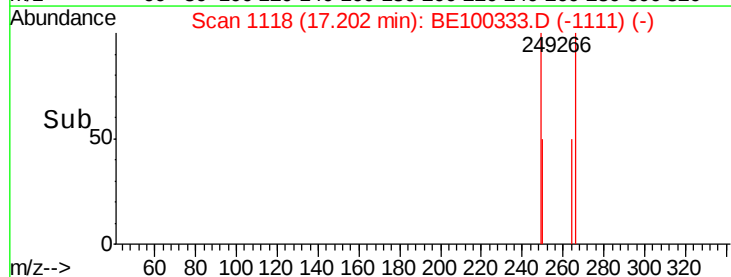
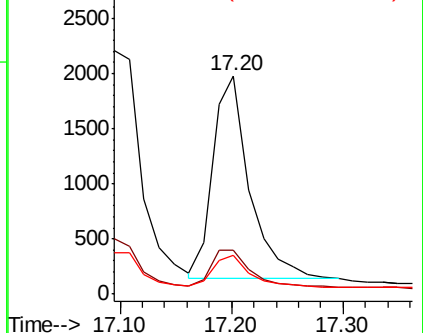
179 15.4 12.2 18.2

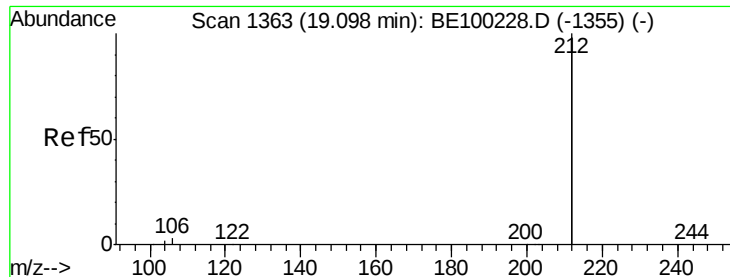


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

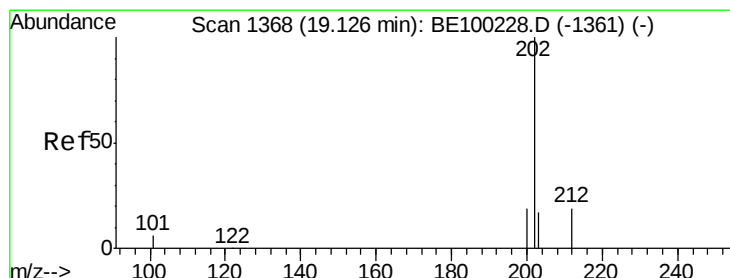
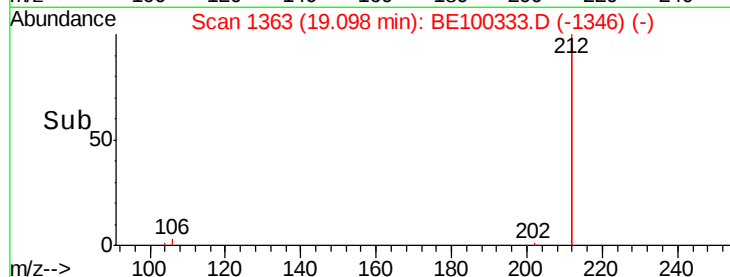
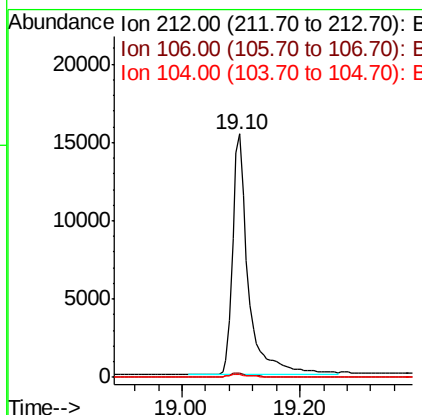
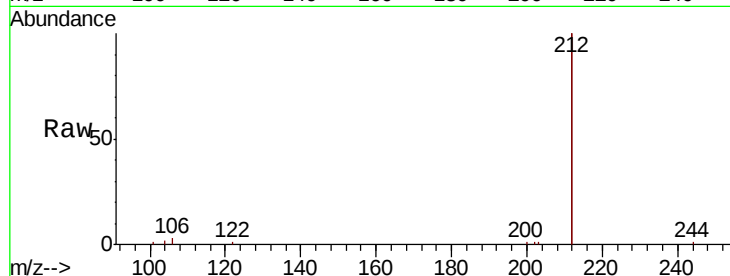




#25
 Fluoranthene-d10
 Concen: 0.398 ng
 RT: 19.10 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: BE100333.D
 Acq: 3 Jul 2019 17:50

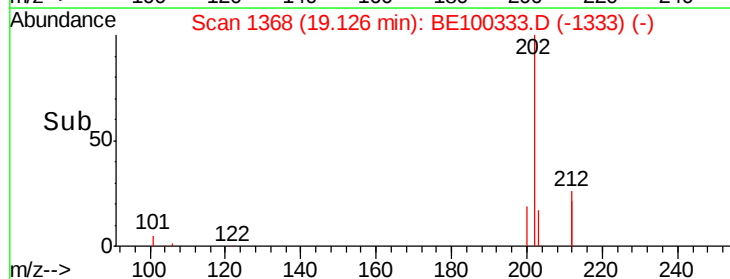
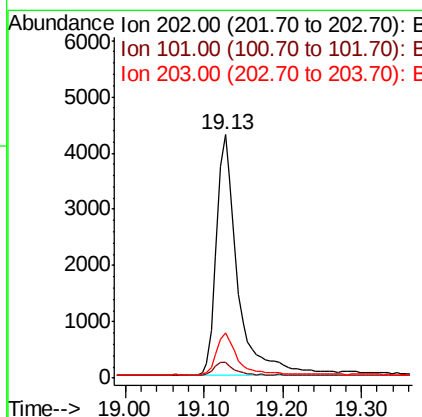
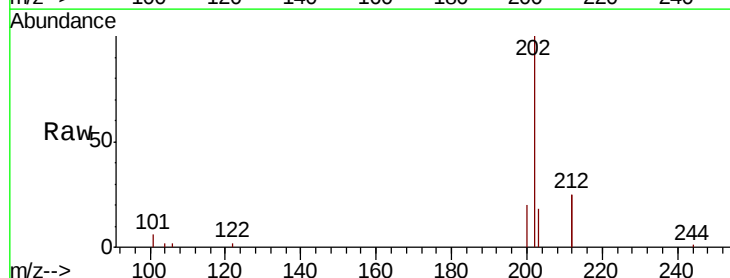
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion:212 Resp: 28345
 Ion Ratio Lower Upper
 212 100
 106 1.6 1.3 1.9
 104 0.9 0.8 1.2



#26
 Fluoranthene
 Concen: 0.423 ng
 RT: 19.13 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BE100333.D
 Acq: 3 Jul 2019 17:50

Tgt Ion:202 Resp: 8001
 Ion Ratio Lower Upper
 202 100
 101 5.4 4.6 7.0
 203 17.1 13.7 20.5

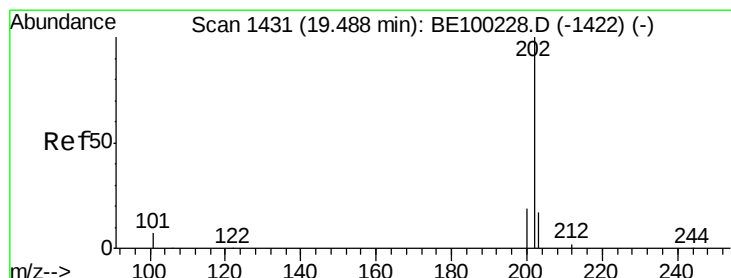
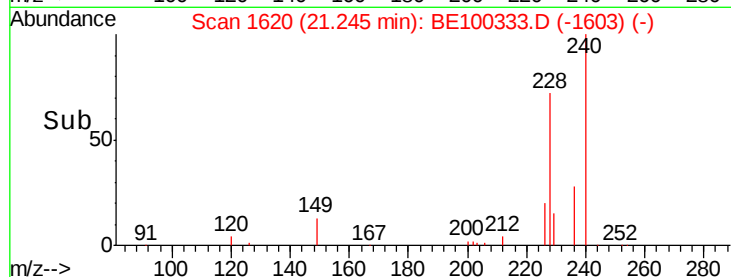
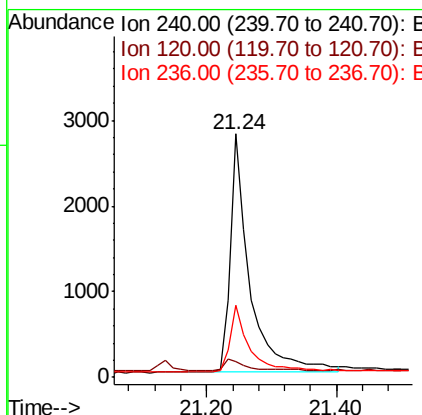
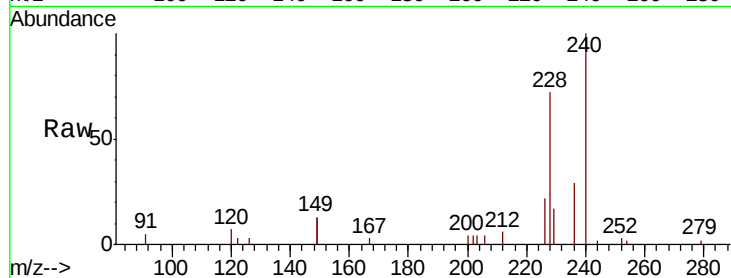




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

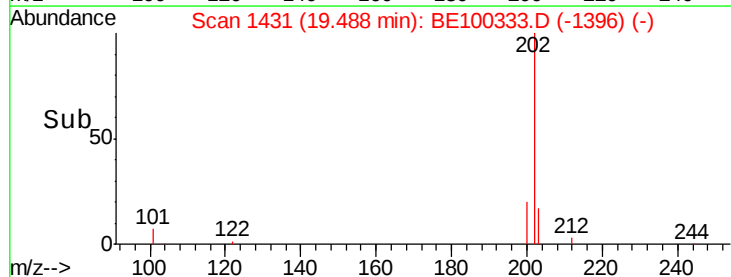
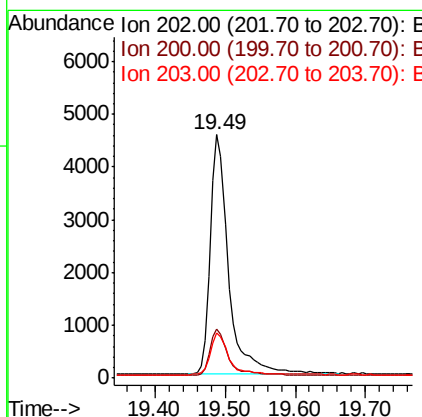
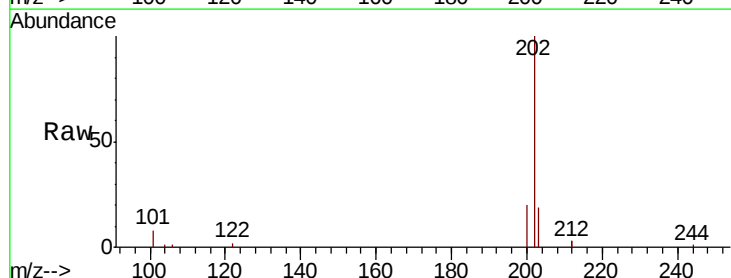
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:240 Resp: 5899
Ion Ratio Lower Upper
240 100
120 6.5 3.3 4.9#
236 29.4 22.6 34.0



#28
Pyrene
Concen: 0.532 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion:202 Resp: 8311
Ion Ratio Lower Upper
202 100
200 19.4 15.6 23.4
203 17.7 14.0 21.0





#29

Terphenyl-d14

Concen: 0.544 ng

RT: 19.70 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

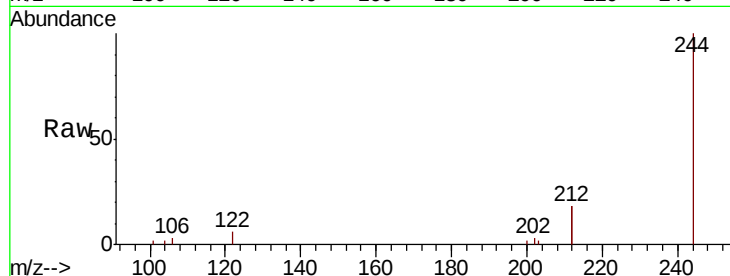
Tot Ion:244 Resp: 6649

Ion Ratio Lower Upper

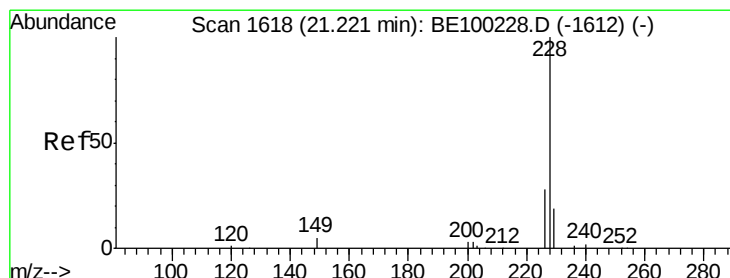
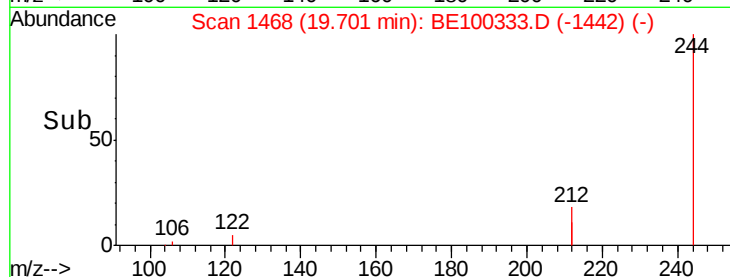
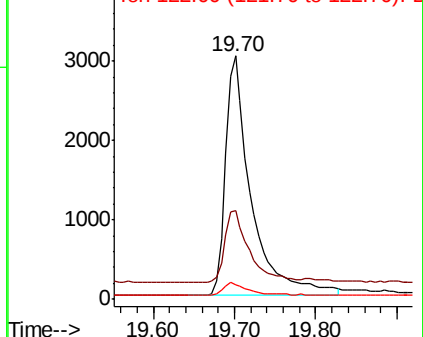
244 100

212 36.3 27.3 40.9

122 6.2 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: 0.388 ng

RT: 21.23 min Scan# 1619

Delta R.T. 0.01 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

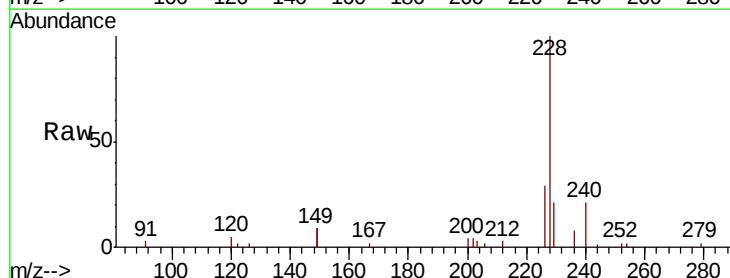
Tgt Ion:228 Resp: 7519

Ion Ratio Lower Upper

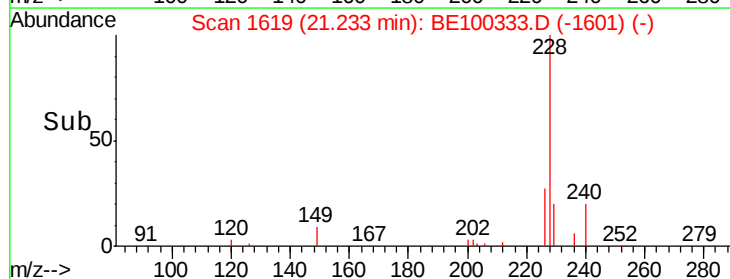
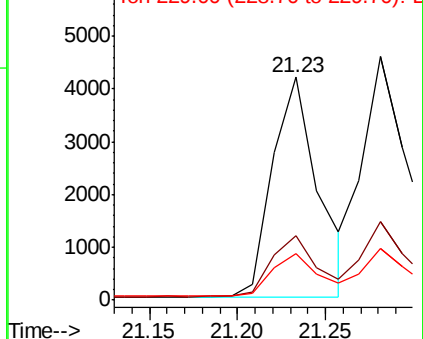
228 100

226 28.6 23.2 34.8

229 21.1 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

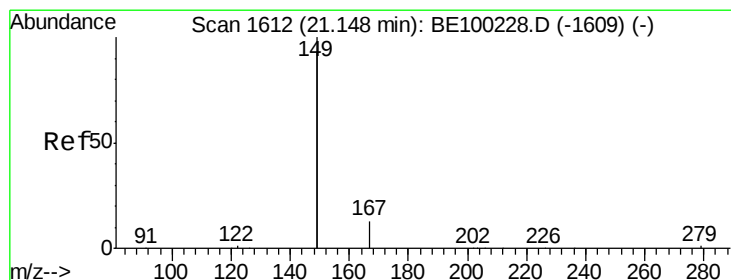
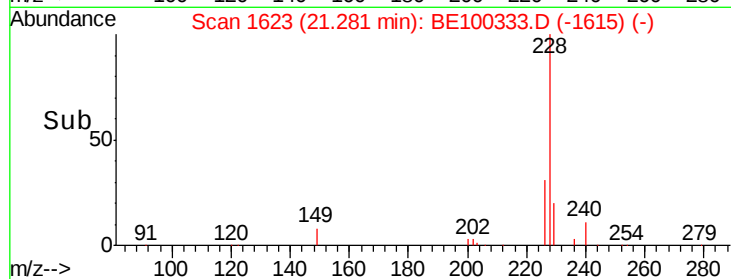
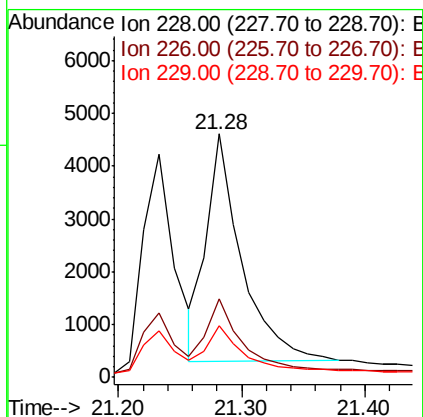
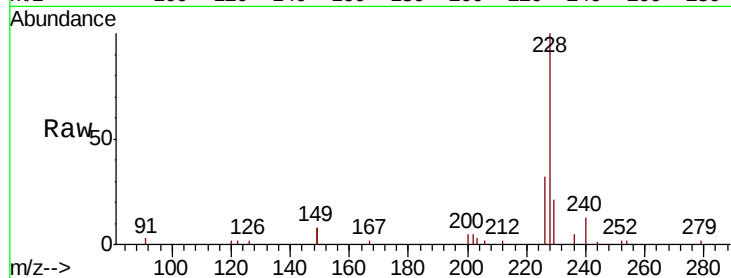




#31
 Chrysene
 Concen: 0.437 ng
 RT: 21.28 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BE100333.D
 Acq: 3 Jul 2019 17:50

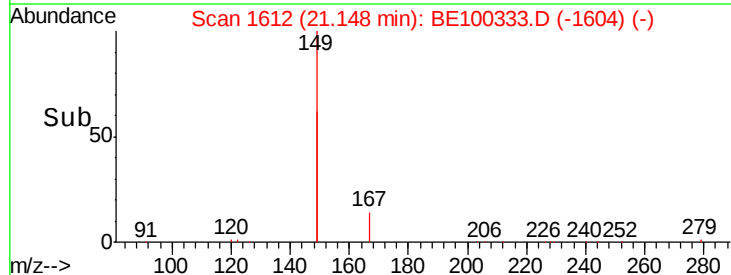
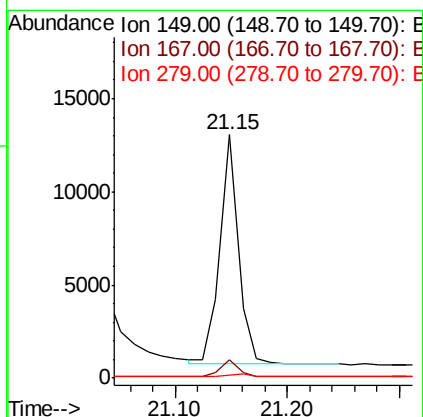
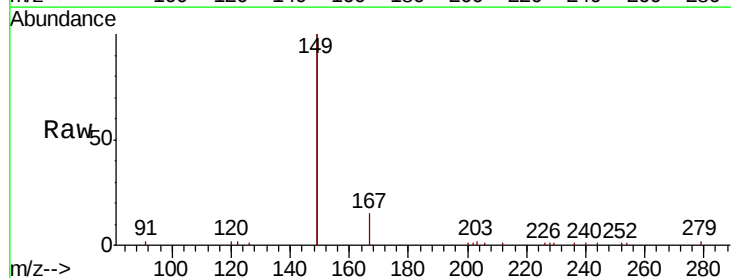
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

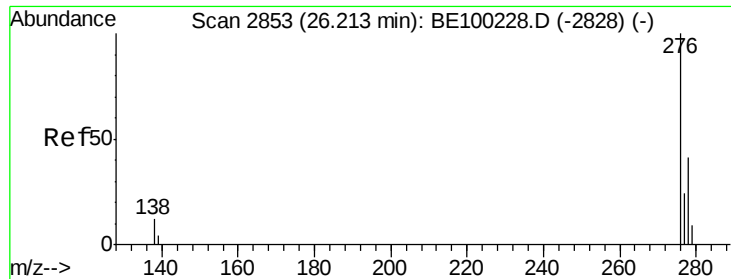
Tot Ion:228 Resp: 8517
 Ion Ratio Lower Upper
 228 100
 226 32.1 23.9 35.9
 229 21.1 16.5 24.7



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.464 ng
 RT: 21.15 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BE100333.D
 Acq: 3 Jul 2019 17:50

Tgt Ion:149 Resp: 14303
 Ion Ratio Lower Upper
 149 100
 167 7.3 5.8 8.8
 279 1.5 1.1 1.7





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.375 ng

RT: 26.23 min Scan# 2857

Delta R.T. 0.01 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

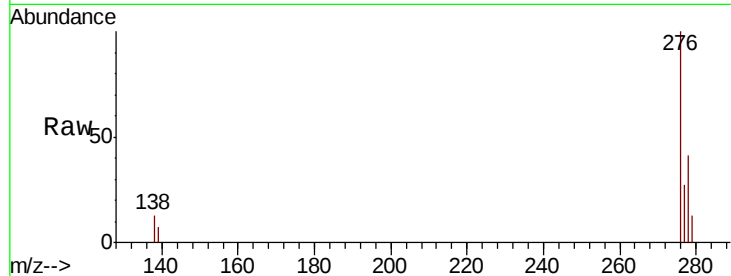
Tot Ion:276 Resp: 9666

Ion Ratio Lower Upper

276 100

138 10.2 9.4 14.0

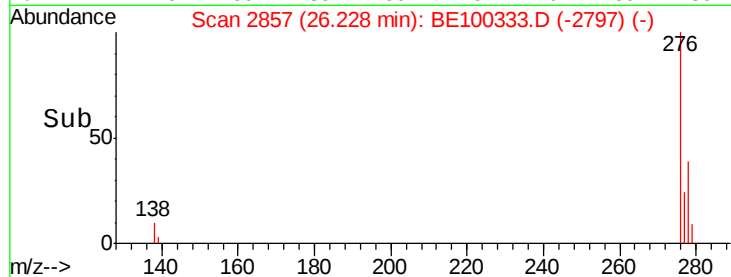
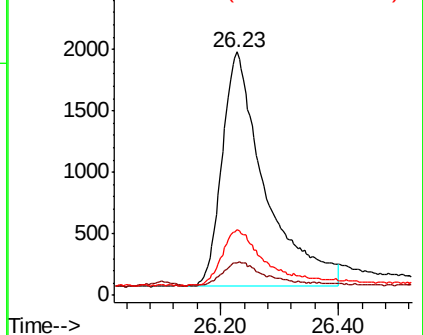
277 22.5 19.2 28.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.67 min Scan# 2145

Delta R.T. 0.01 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

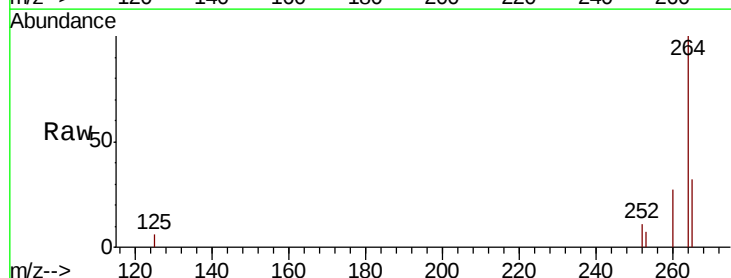
Tgt Ion:264 Resp: 6724

Ion Ratio Lower Upper

264 100

260 26.8 20.8 31.2

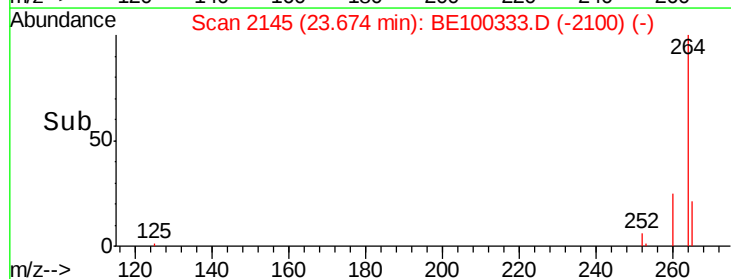
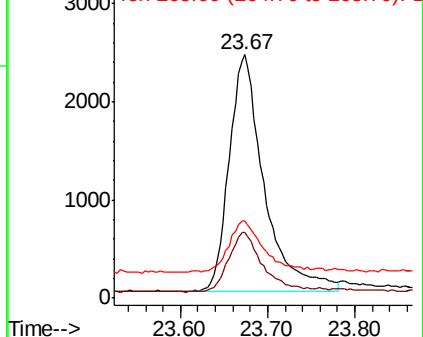
265 31.6 21.8 32.6



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

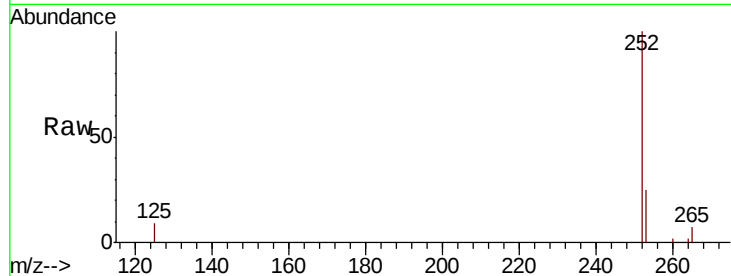




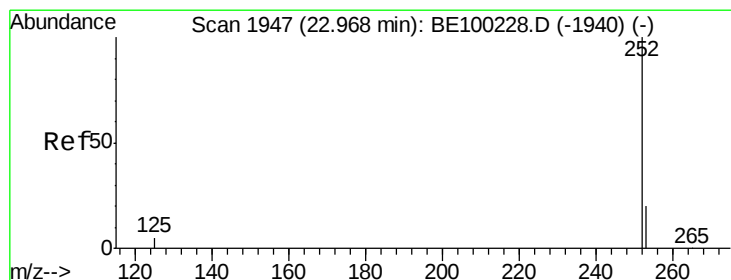
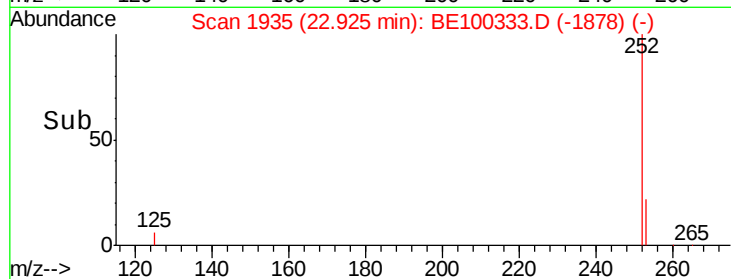
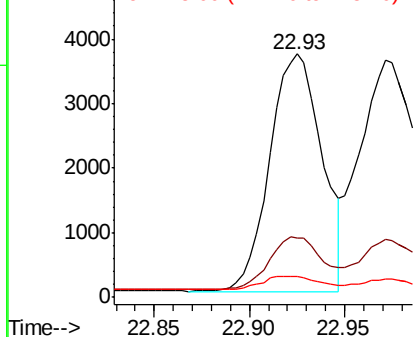
#35
Benzo(b)fluoranthene
Concen: 0.385 ng
RT: 22.93 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:252 Resp: 7026
Ion Ratio Lower Upper
252 100
253 24.5 19.2 28.8
125 8.6 7.4 11.0

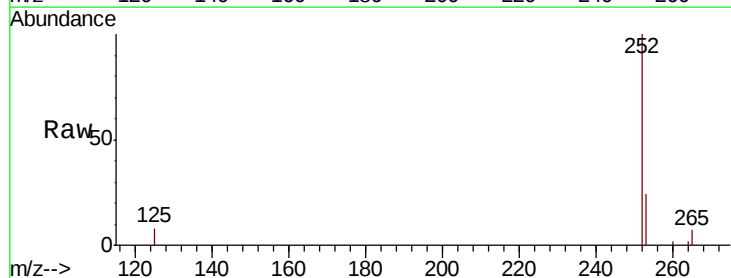


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

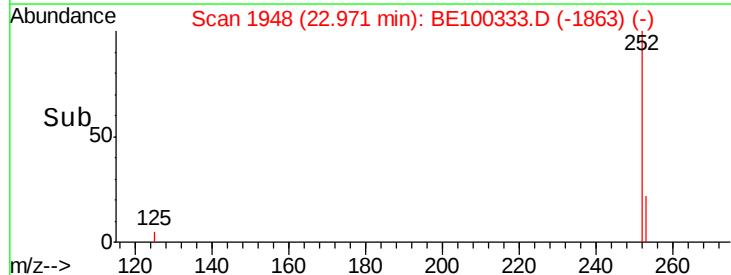
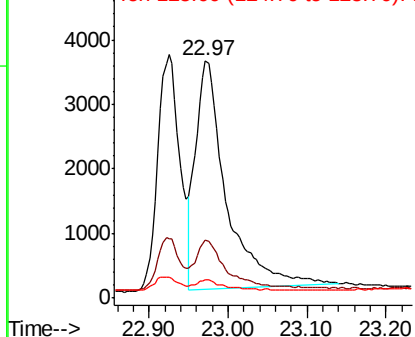


#36
Benzo(k)fluoranthene
Concen: 0.470 ng
RT: 22.97 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion:252 Resp: 9560
Ion Ratio Lower Upper
252 100
253 24.4 17.9 26.9
125 7.8 5.0 7.4#



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

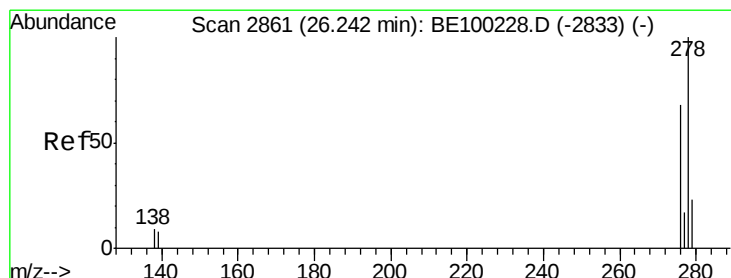
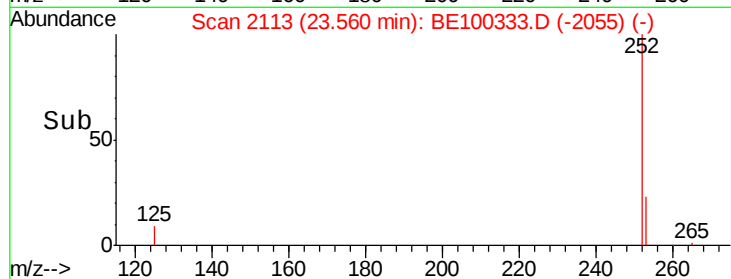
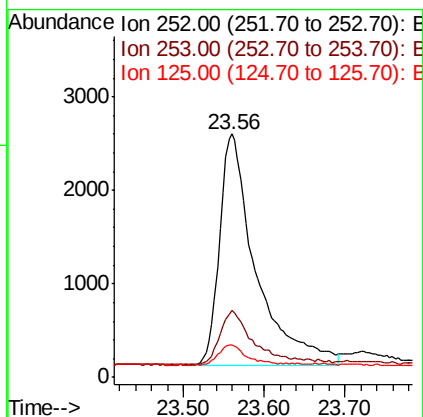
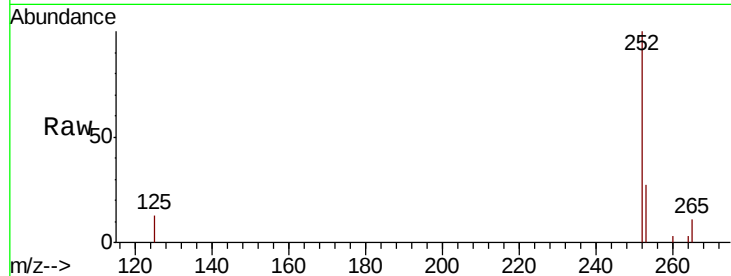




#37
Benzo(a)pyrene
Concen: 0.425 ng
RT: 23.56 min Scan# 2113
Delta R.T. 0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

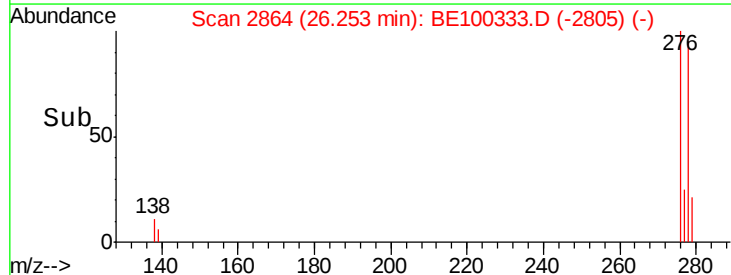
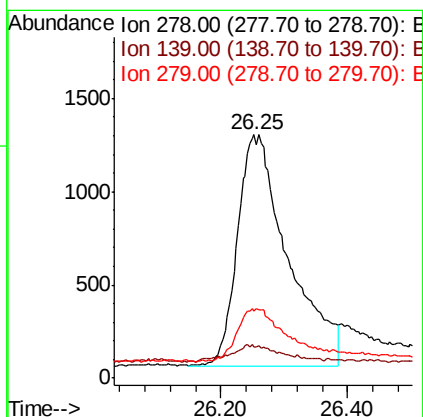
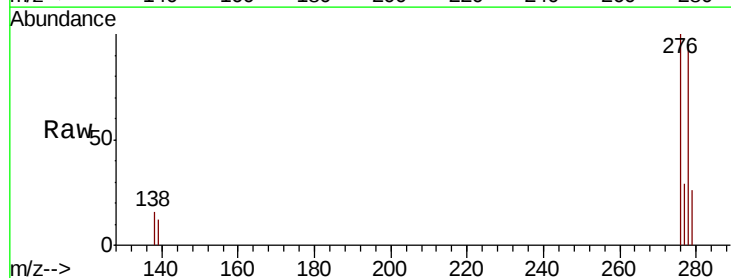
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion:252 Resp: 7763
Ion Ratio Lower Upper
252 100
253 27.3 19.6 29.4
125 13.4 9.0 13.6



#38
Dibenzo(a,h)anthracene
Concen: 0.362 ng
RT: 26.25 min Scan# 2864
Delta R.T. 0.01 min
Lab File: BE100333.D
Acq: 3 Jul 2019 17:50

Tgt Ion:278 Resp: 6903
Ion Ratio Lower Upper
278 100
139 12.8 8.2 12.2#
279 27.3 20.3 30.5





#39

Benzo(a,h,i)perylene

Concen: 0.444 ng

RT: 27.01 min Scan# 3077

Delta R.T. 0.01 min

Lab File: BE100333.D

Acq: 3 Jul 2019 17:50

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

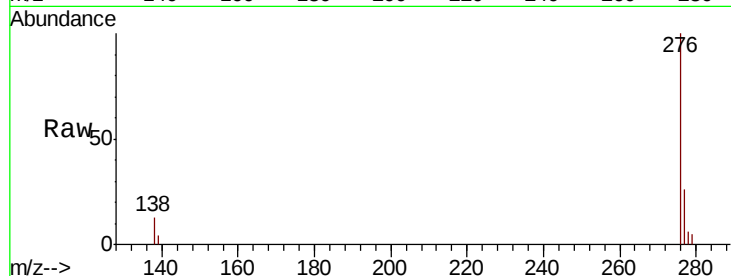
Tot Ion: 276 Resp: 8700

Ion Ratio Lower Upper

276 100

277 26.3 20.2 30.2

138 13.0 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

