

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
 Data File : BE100809.D
 Acq On : 10 Dec 2019 13:26
 Operator : JU
 Sample : K6184-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE134D1-20191202MS

Quant Time: Dec 10 14:09:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 04 17:18:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	5478	0.40	ng	-0.01
7) Naphthalene-d8	10.54	136	23723	0.40	ng	0.00
13) Acenaphthene-d10	14.40	164	12964	0.40	ng	0.00
19) Phenanthrene-d10	17.12	188	32117	0.40	ng	-0.01
27) Chrysene-d12	21.31	240	30761	0.40	ng	0.00
34) Perylene-d12	23.75	264	36692	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	2749	0.21	ng	0.00
5) Phenol-d6	6.93	99	2590	0.13	ng	0.00
8) Nitrobenzene-d5	8.90	82	6305	0.56	ng	0.00
11) 2-Methylnaphthalene-d10	12.14	152	18879	0.55	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	1225	0.85	ng	0.00
15) 2-Fluorobiphenyl	13.02	172	19550	0.38	ng	-0.01
25) Fluoranthene-d10	19.16	212	156337	0.41	ng	0.00
29) Terphenyl-d14	19.76	244	31085	0.42	ng	0.00

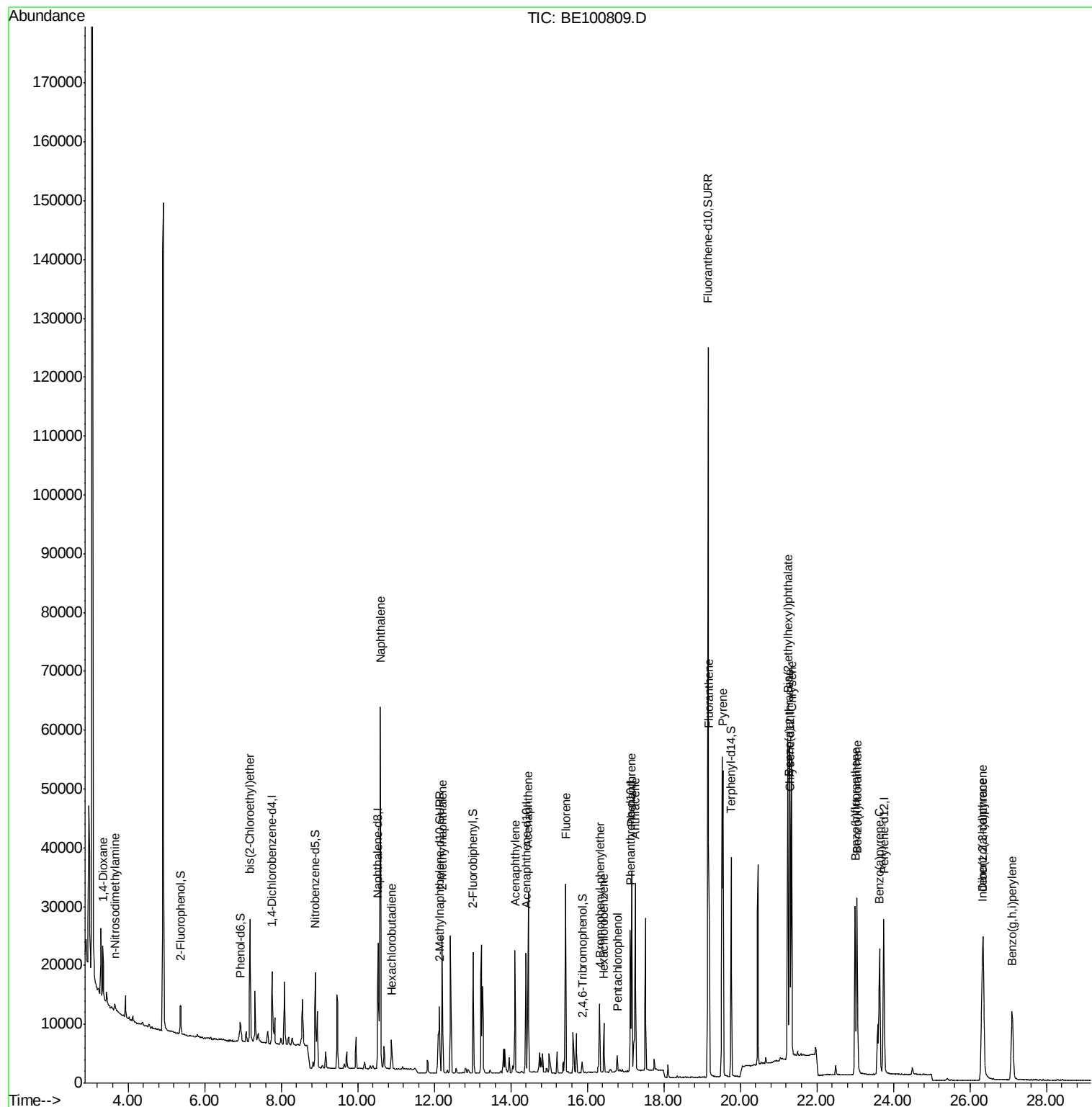
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	5767	0.577	ng	# 68
3) n-Nitrosodimethylamine	3.65	42	1657	0.204	ng	# 90
6) bis(2-Chloroethyl)ether	7.18	93	7446	0.393	ng	99
9) Naphthalene	10.59	128	97881	0.388	ng	100
10) Hexachlorobutadiene	10.89	225	3149	0.320	ng	97
12) 2-Methylnaphthalene	12.21	142	15378	0.391	ng	98
16) Acenaphthylene	14.11	152	22324	0.416	ng	99
17) Acenaphthene	14.46	154	14394	0.389	ng	98
18) Fluorene	15.43	166	19353	0.406	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	5687	0.361	ng	94
21) Hexachlorobenzene	16.44	284	5807	0.339	ng	98
22) Pentachlorophenol	16.79	266	1740	1.470	ng	86
23) Phenanthrene	17.16	178	36901	0.379	ng	100
24) Anthracene	17.25	178	32349	0.398	ng	98
26) Fluoranthene	19.18	202	43916	0.378	ng	99
28) Pyrene	19.55	202	45534	0.456	ng	99
30) Benzo(a)anthracene	21.28	228	40604	0.448	ng	97
31) Chrysene	21.34	228	42352	0.398	ng	98
32) Bis(2-ethylhexyl)phthalate	21.25	149	68269	0.984	ng	100
33) Indeno(1,2,3-cd)pyrene	26.32	276	40178	0.433	ng	99
35) Benzo(b)fluoranthene	23.00	252	39389	0.392	ng	99
36) Benzo(k)fluoranthene	23.05	252	42443	0.377	ng	99
37) Benzo(a)pyrene	23.64	252	35794	0.412	ng	99
38) Dibenzo(a,h)anthracene	26.35	278	33671	0.389	ng	99
39) Benzo(g,h,i)perylene	27.10	276	29139	0.315	ng	100

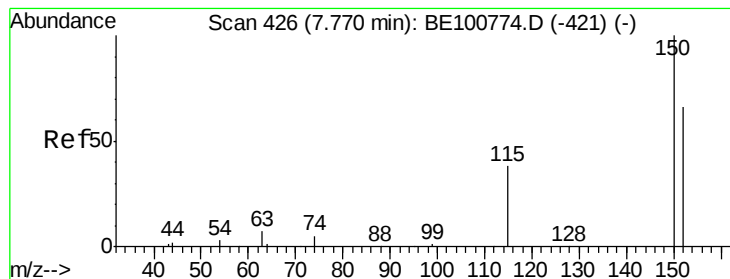
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121019\
Data File : BE100809.D
Acq On : 10 Dec 2019 13:26
Operator : JU
Sample : K6184-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE134D1-20191202MS

Quant Time: Dec 10 14:09:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE120419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 04 17:18:11 2019
Response via : Initial Calibration



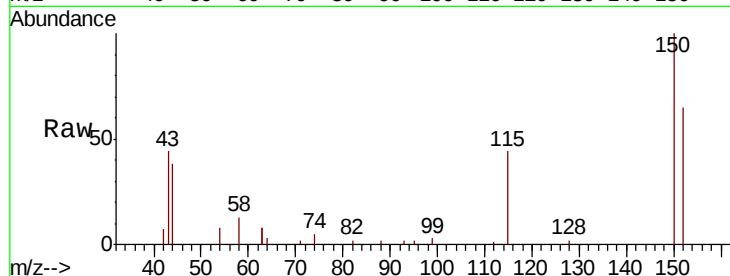


#1

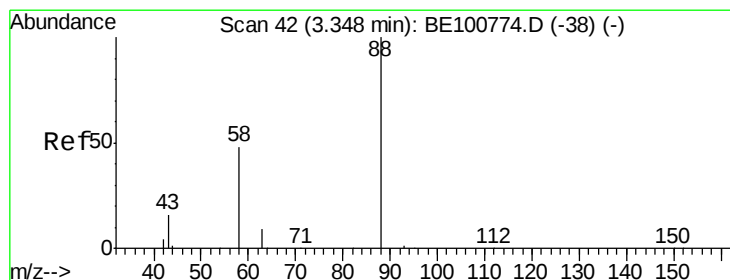
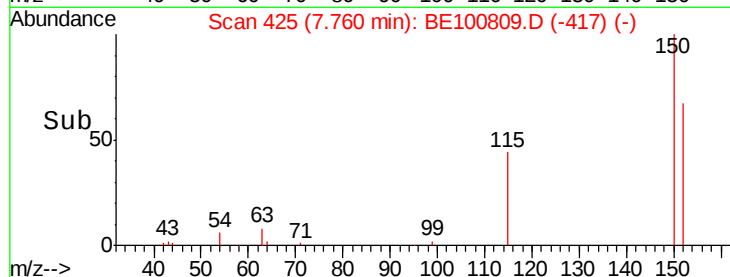
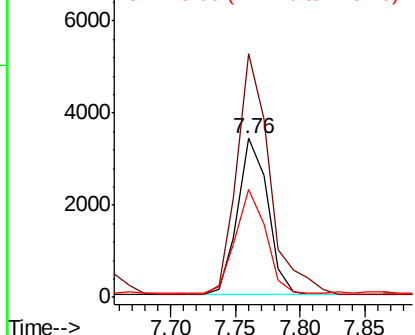
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 425
Delta R.T. -0.01 min
Lab File: BE100809.D
Acq: 10 Dec 2019 13:26

Instrument :
BNA_E
ClientSampleId :
RE134D1-20191202MS

Tot Ion:152 Resp: 5478
Ion Ratio Lower Upper
152 100
150 153.3 120.6 181.0
115 67.8 47.4 71.2



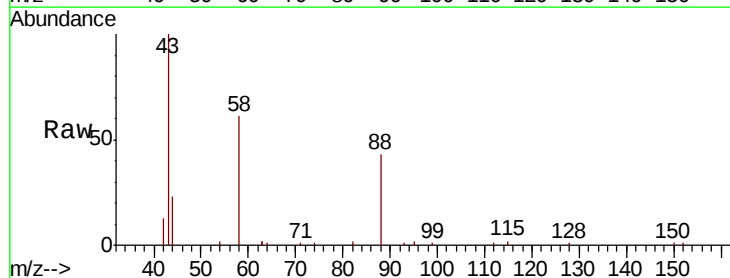
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



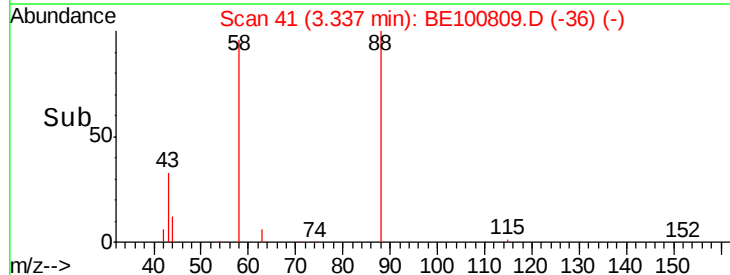
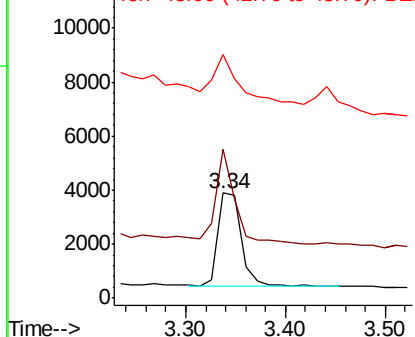
#2

1,4-Dioxane
Concen: 0.577 ng
RT: 3.34 min Scan# 41
Delta R.T. -0.01 min
Lab File: BE100809.D
Acq: 10 Dec 2019 13:26

Tgt Ion: 88 Resp: 5767
Ion Ratio Lower Upper
88 100
58 82.9 52.5 78.7#
43 58.5 23.0 34.6#



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: 0.204 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.01 min

Lab File: BE100809.D

Acq: 10 Dec 2019 13:26

Instrument :

BNA_E

ClientSampleId :

RE134D1-20191202MS

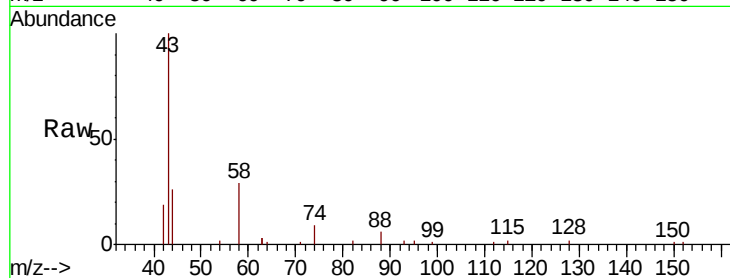
Tot Ion: 42 Resp: 1657

Ion Ratio Lower Upper

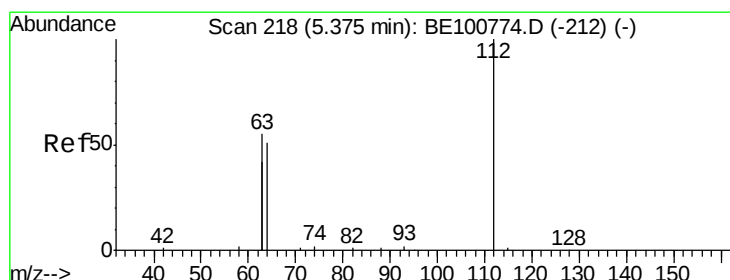
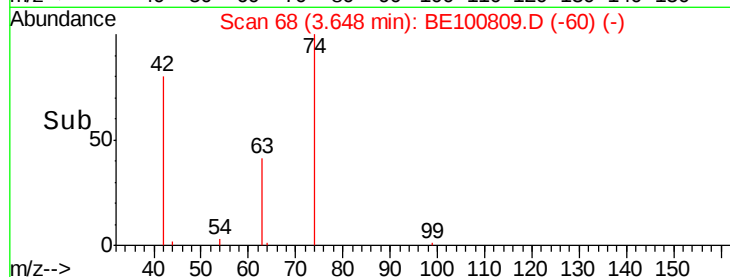
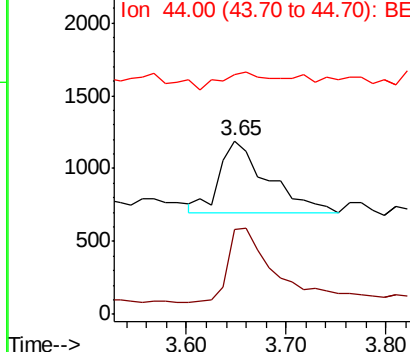
42 100

74 98.1 86.3 129.5

44 20.9 11.6 17.4#



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: 0.211 ng

RT: 5.38 min Scan# 218

Delta R.T. 0.00 min

Lab File: BE100809.D

Acq: 10 Dec 2019 13:26

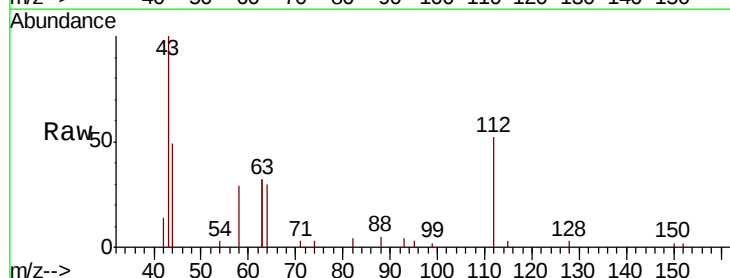
Tgt Ion: 112 Resp: 2749

Ion Ratio Lower Upper

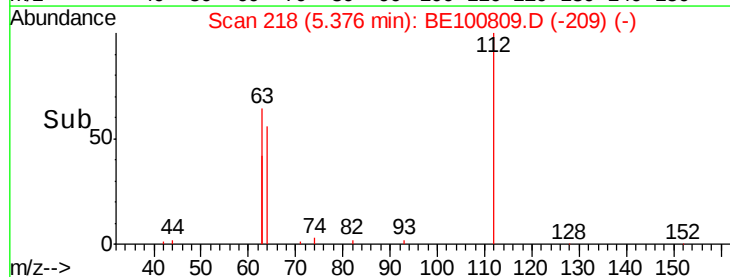
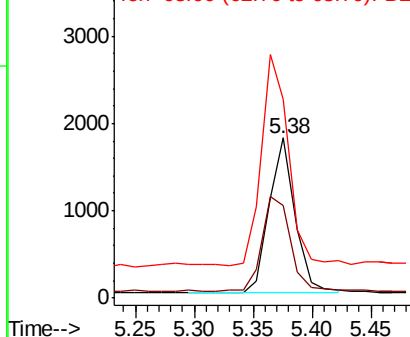
112 100

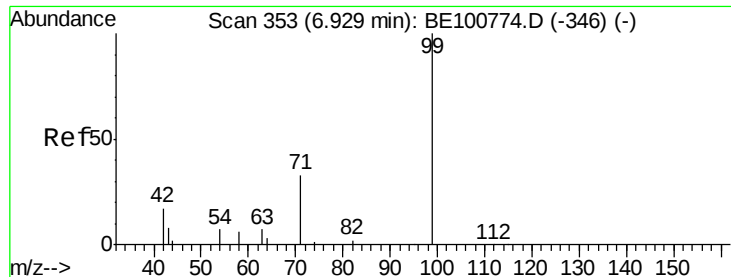
64 66.4 54.1 81.1

63 139.5 113.2 169.8



Abundance Ion 112.00 (111.70 to 112.70): BE1
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.132 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.00 min

Lab File: BE100809.D

Acq: 10 Dec 2019 13:26

Instrument :

BNA_E

ClientSampleId :

RE134D1-20191202MS

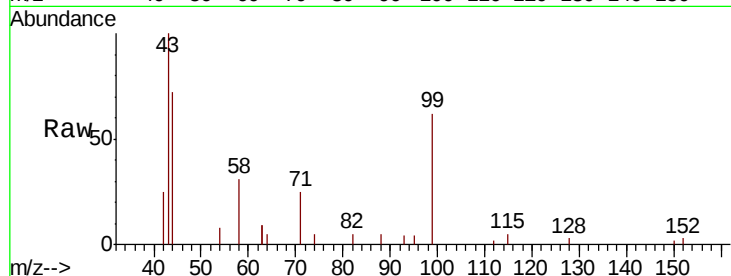
Tot Ion: 99 Resp: 2590

Ion Ratio Lower Upper

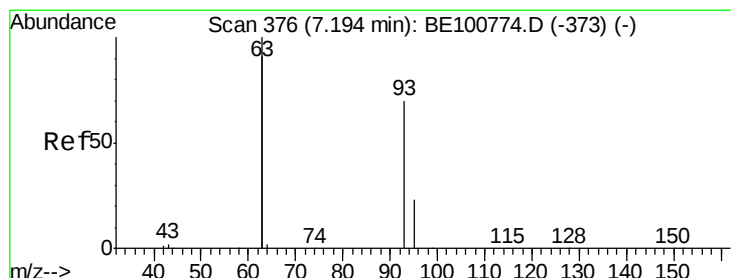
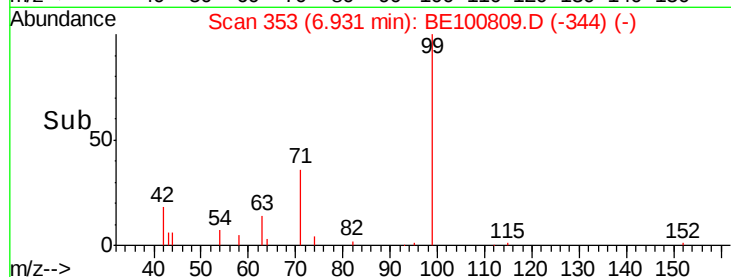
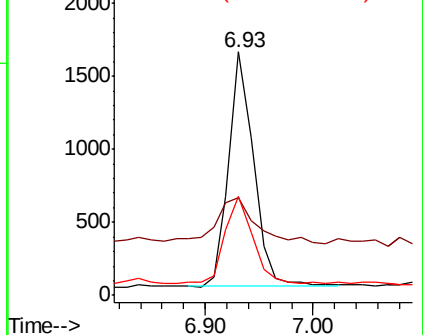
99 100

42 32.3 19.1 28.7#

71 41.1 27.7 41.5



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: 0.393 ng

RT: 7.18 min Scan# 375

Delta R.T. -0.01 min

Lab File: BE100809.D

Acq: 10 Dec 2019 13:26

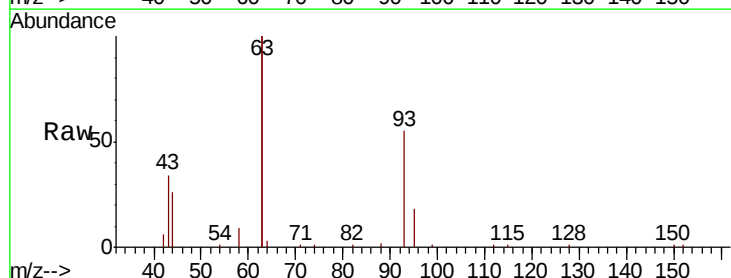
Tgt Ion: 93 Resp: 7446

Ion Ratio Lower Upper

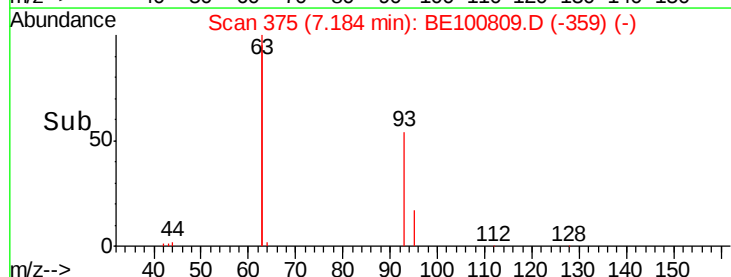
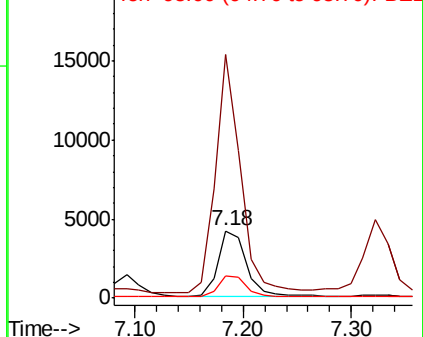
93 100

63 322.4 259.4 389.0

95 33.1 26.2 39.2



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: 10.54 min Scan# 644

Delta R.T. 0.00 min

Lab File: BE100809.D

Acq: 10 Dec 2019 13:26

Instrument :

BNA_E

ClientSampleId :

RE134D1-20191202MS

Tot Ion:136 Resp: 23723

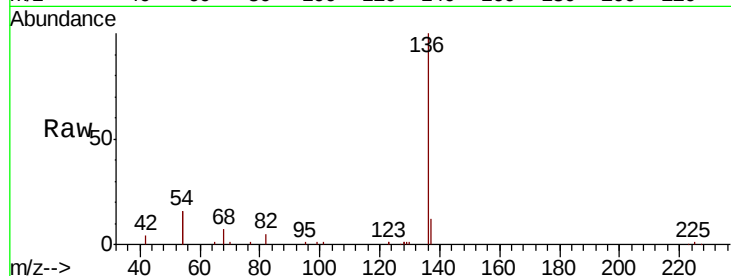
Ion Ratio Lower Upper

136 100

137 11.6 9.4 14.0

54 31.9 31.1 46.7

68 7.0 6.6 10.0

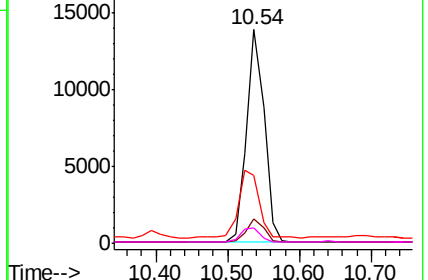
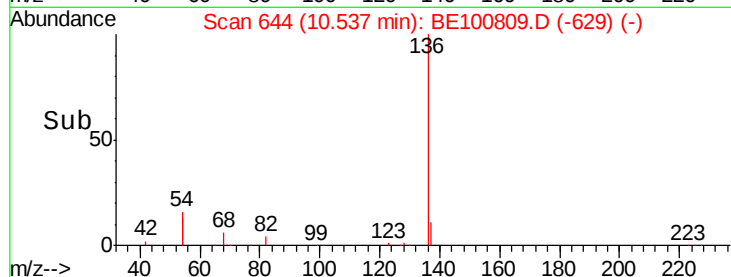


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.558 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.00 min

Lab File: BE100809.D

Acq: 10 Dec 2019 13:26

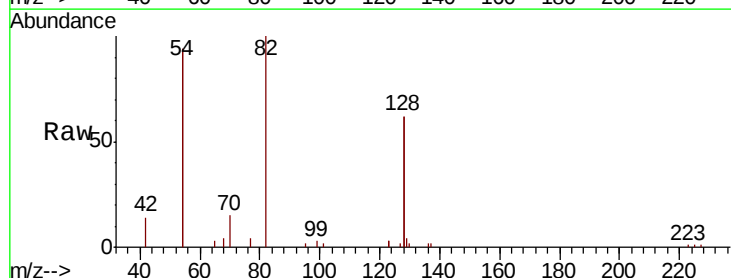
Tgt Ion: 82 Resp: 6305

Ion Ratio Lower Upper

82 100

128 123.5 97.0 145.4

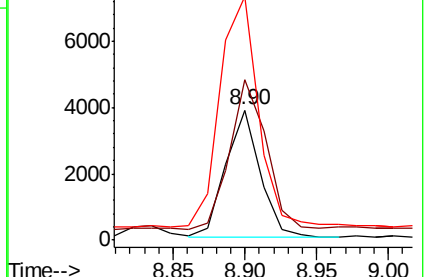
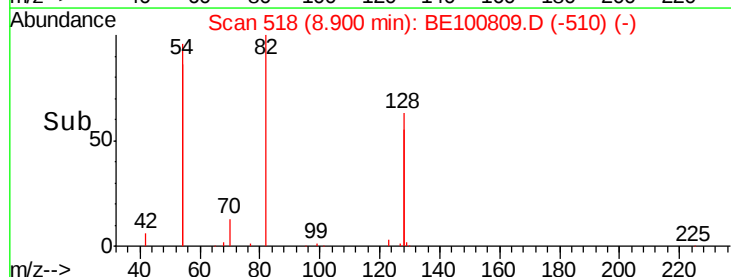
54 187.5 171.8 257.6



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: 0.388 ng

RT: 10.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BE100809.D

Acq: 10 Dec 2019 13:26

Instrument :

BNA_E

ClientSampleId :

RE134D1-20191202MS

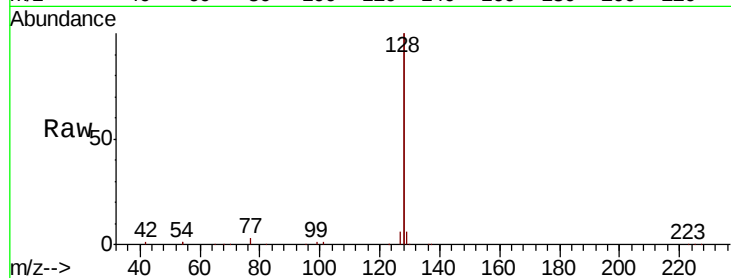
Tot Ion:128 Resp: 97881

Ion Ratio Lower Upper

128 100

129 2.8 2.2 3.4

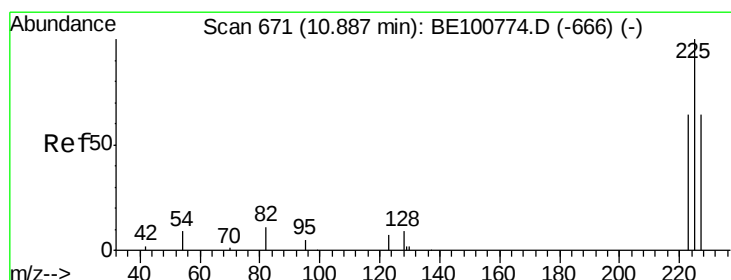
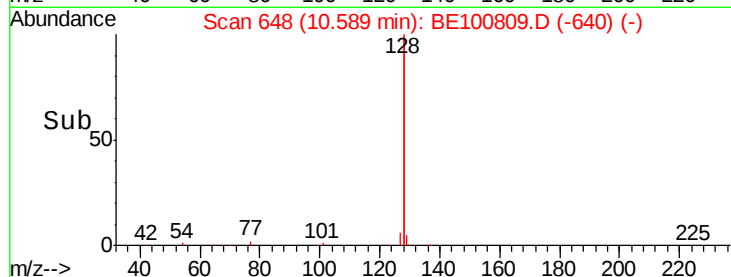
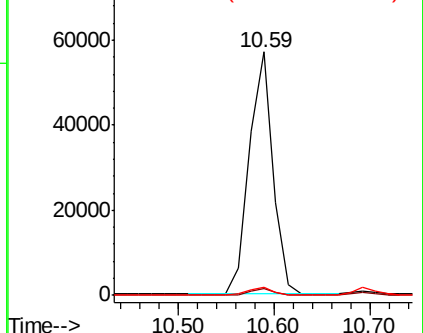
127 3.2 2.7 4.1



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: 0.320 ng

RT: 10.89 min Scan# 671

Delta R.T. 0.00 min

Lab File: BE100809.D

Acq: 10 Dec 2019 13:26

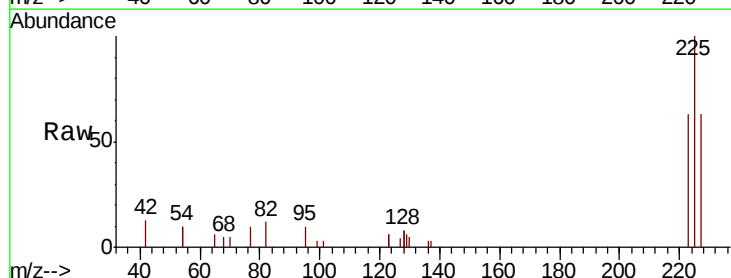
Tgt Ion:225 Resp: 3149

Ion Ratio Lower Upper

225 100

223 61.7 49.9 74.9

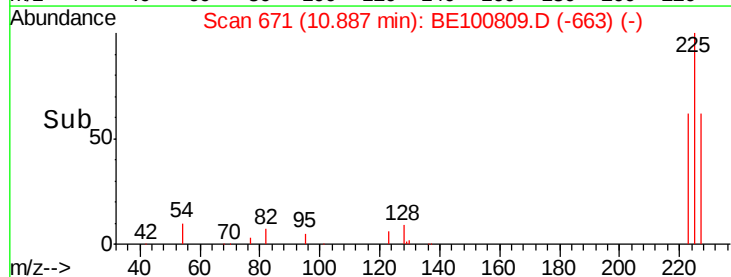
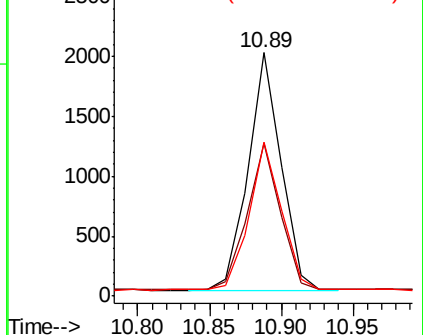
227 61.8 52.2 78.4

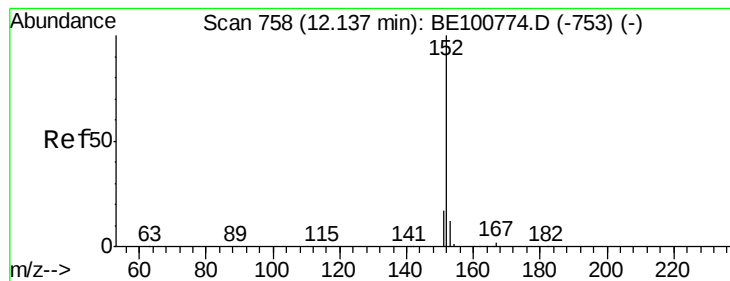


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.549 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE100809.D

Acq: 10 Dec 2019 13:26

Instrument :

BNA_E

ClientSampleId :

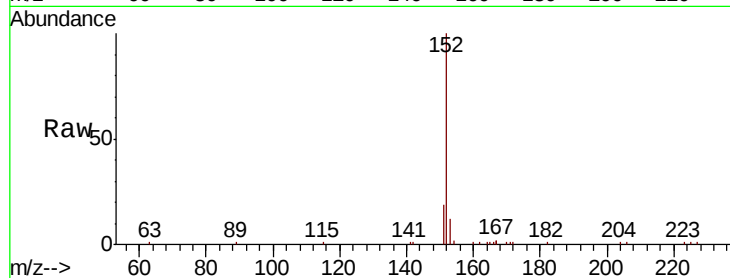
RE134D1-20191202MS

Tot Ion:152 Resp: 18879

Ion Ratio Lower Upper

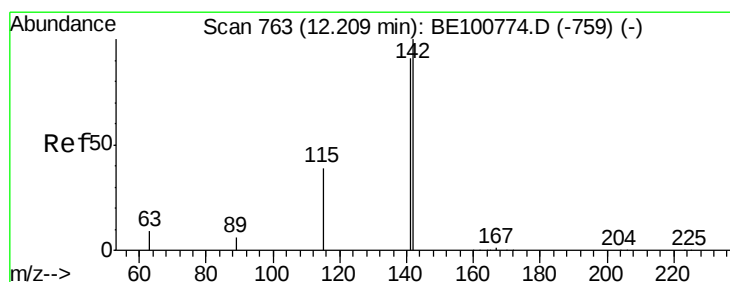
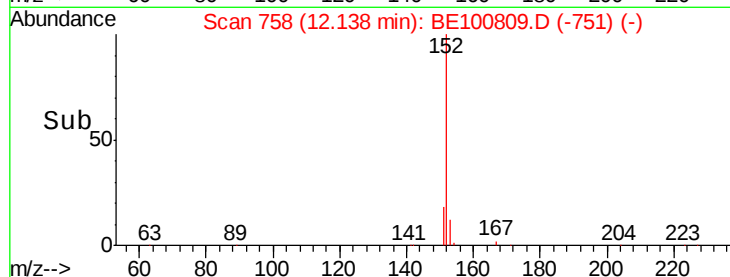
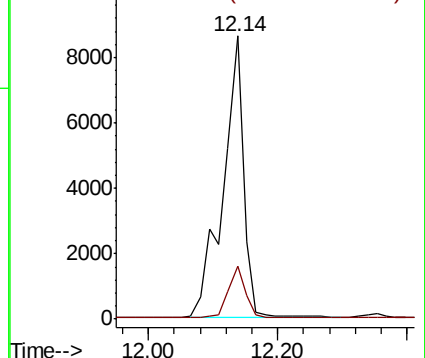
152 100

151 14.5 15.8 23.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.391 ng

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100809.D

Acq: 10 Dec 2019 13:26

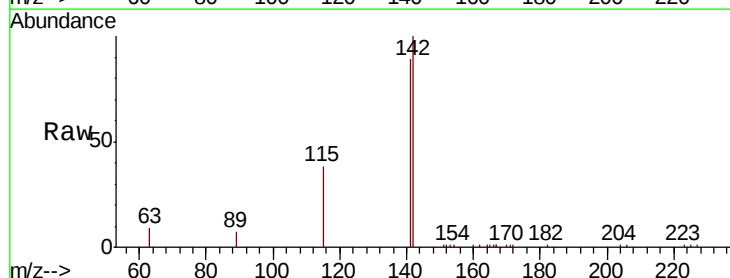
Tgt Ion:142 Resp: 15378

Ion Ratio Lower Upper

142 100

141 89.0 72.6 108.8

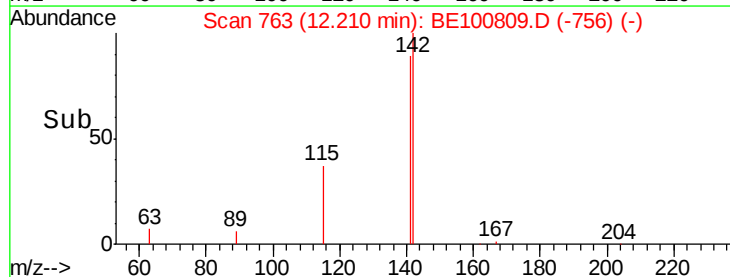
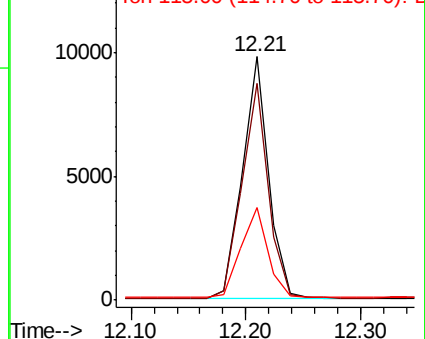
115 38.2 31.8 47.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

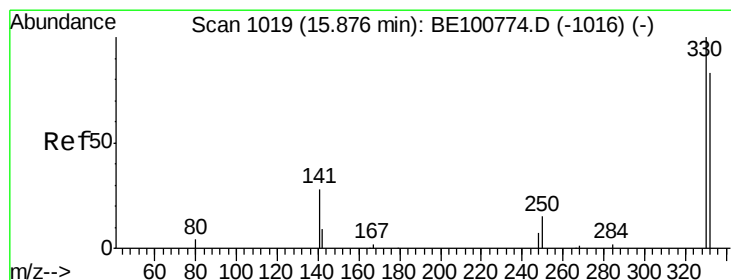
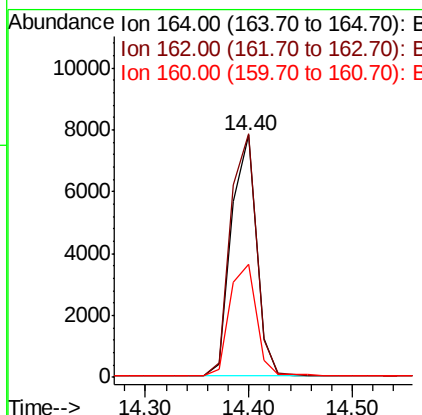
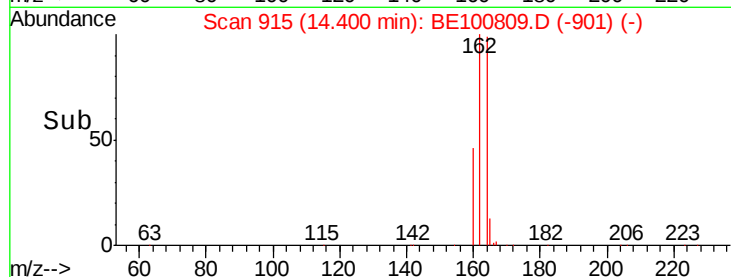
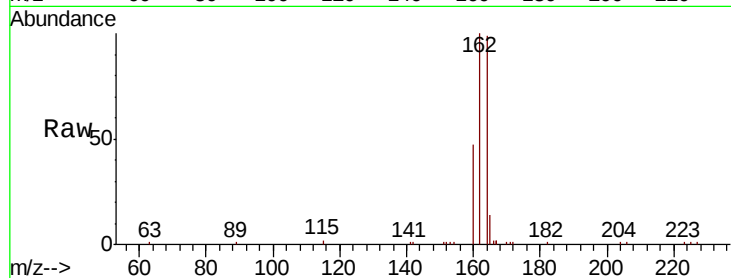




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.40 min Scan# 915
Delta R.T. 0.00 min
Lab File: BE100809.D
Acq: 10 Dec 2019 13:26

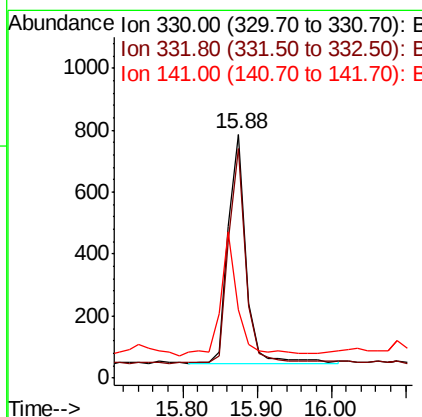
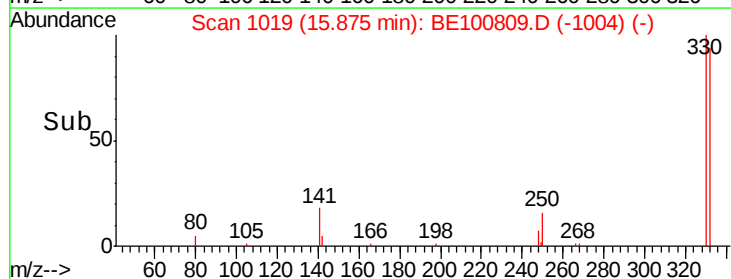
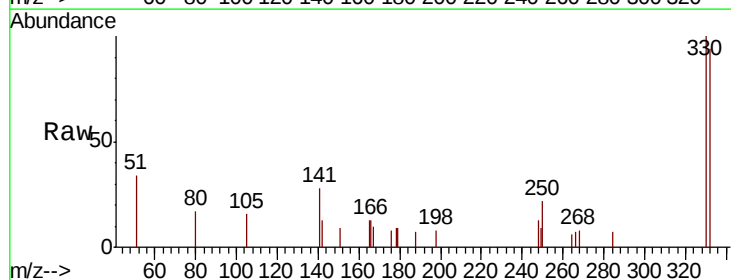
Instrument :
BNA_E
ClientSampleId :
RE134D1-20191202MS

Tot Ion:164 Resp: 12964
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 46.9 39.4 59.0



#14
2,4,6-Tribromophenol
Concen: 0.850 ng
RT: 15.88 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BE100809.D
Acq: 10 Dec 2019 13:26

Tgt Ion:330 Resp: 1225
Ion Ratio Lower Upper
330 100
332 89.8 69.4 104.2
141 53.5 51.1 76.7

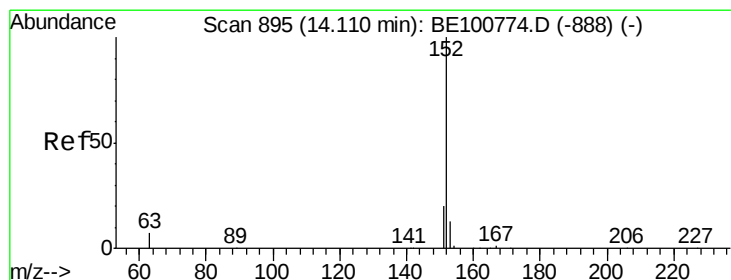
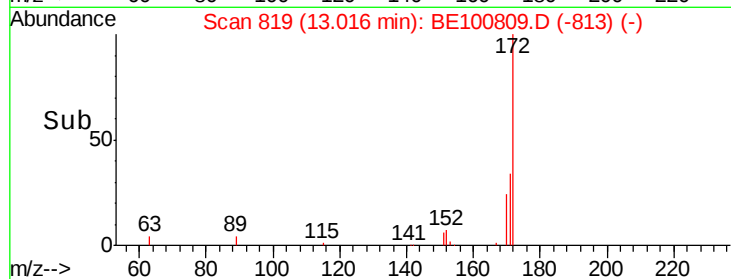
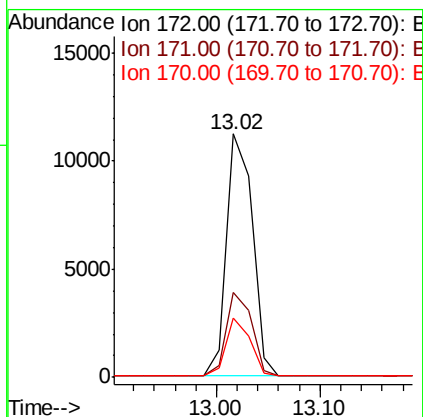
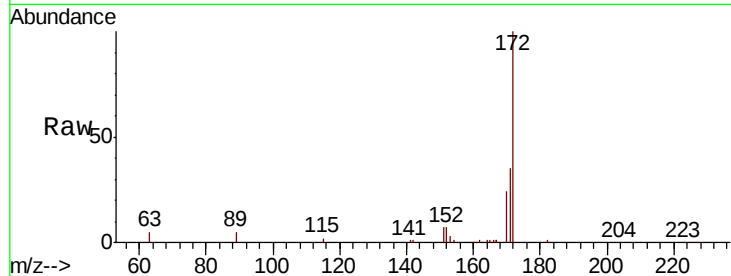




#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE100809.D
Acq: 10 Dec 2019 13:26

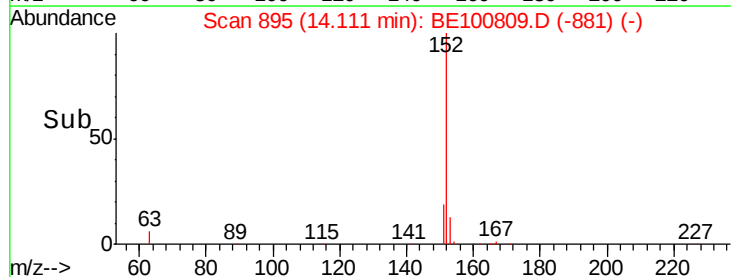
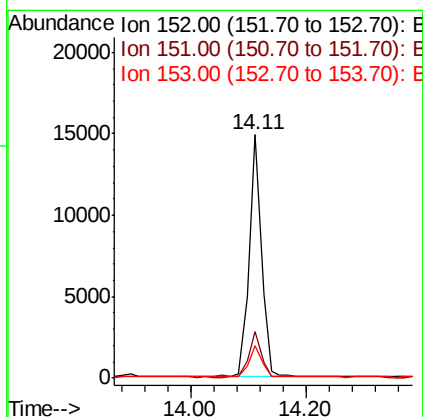
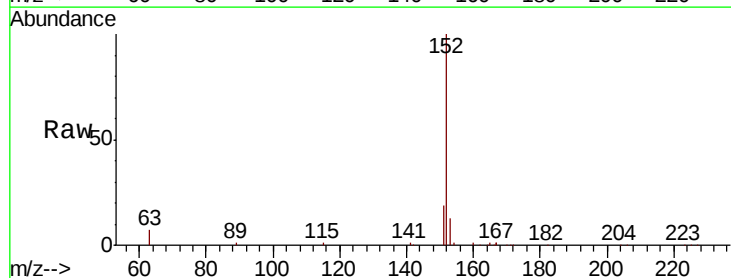
Instrument :
BNA_E
ClientSampleId :
RE134D1-20191202MS

Tot Ion:172 Resp: 19550
Ion Ratio Lower Upper
172 100
171 34.7 27.2 40.8
170 24.3 18.0 27.0



#16
Acenaphthylene
Concen: 0.416 ng
RT: 14.11 min Scan# 895
Delta R.T. 0.00 min
Lab File: BE100809.D
Acq: 10 Dec 2019 13:26

Tgt Ion:152 Resp: 22324
Ion Ratio Lower Upper
152 100
151 18.9 15.8 23.6
153 13.2 10.4 15.6

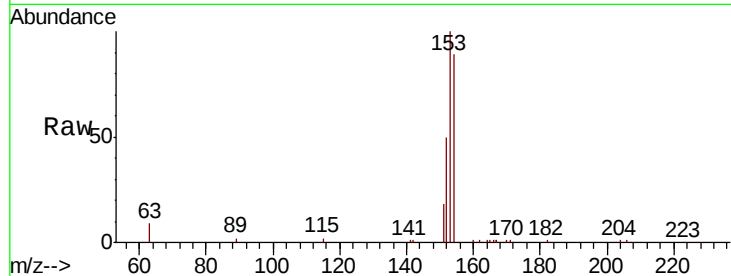




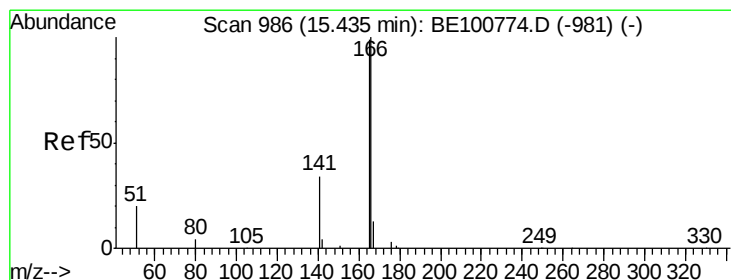
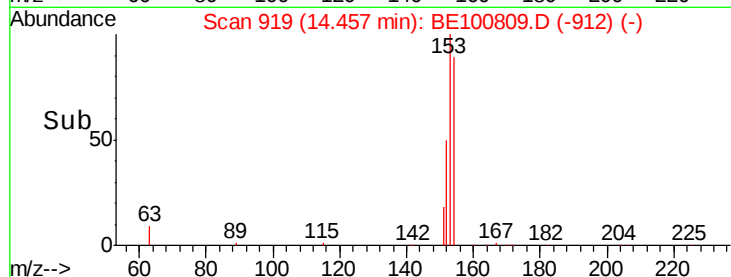
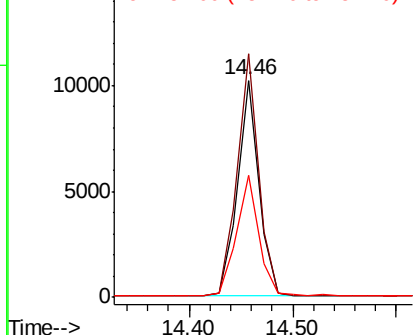
#17
Acenaphthene
Concen: 0.389 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE100809.D
Acq: 10 Dec 2019 13:26

Instrument :
BNA_E
ClientSampleId :
RE134D1-20191202MS

Tot Ion:154 Resp: 14394
Ion Ratio Lower Upper
154 100
153 113.5 92.2 138.2
152 58.3 49.1 73.7

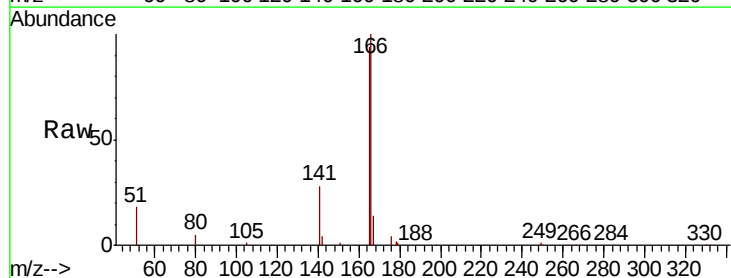


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

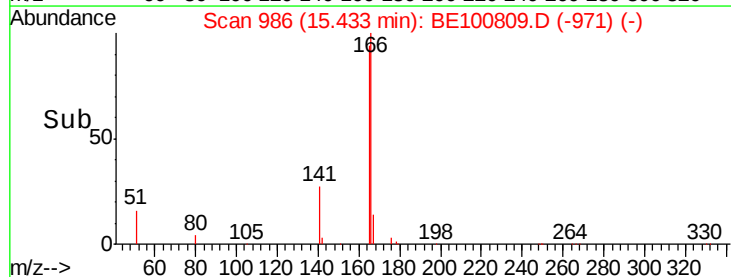
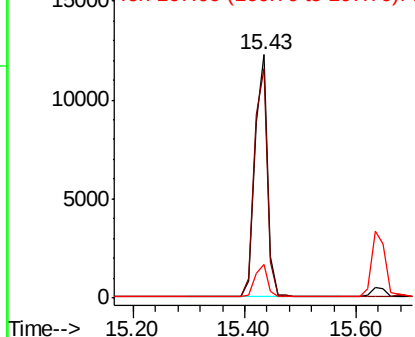


#18
Fluorene
Concen: 0.406 ng
RT: 15.43 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE100809.D
Acq: 10 Dec 2019 13:26

Tgt Ion:166 Resp: 19353
Ion Ratio Lower Upper
166 100
165 98.0 80.5 120.7
167 13.6 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: 17.12 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BE100809.D

Acq: 10 Dec 2019 13:26

Instrument :

BNA_E

ClientSampleId :

RE134D1-20191202MS

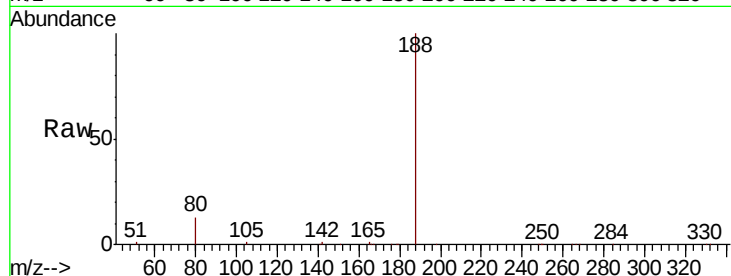
Tot Ion:188 Resp: 32117

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

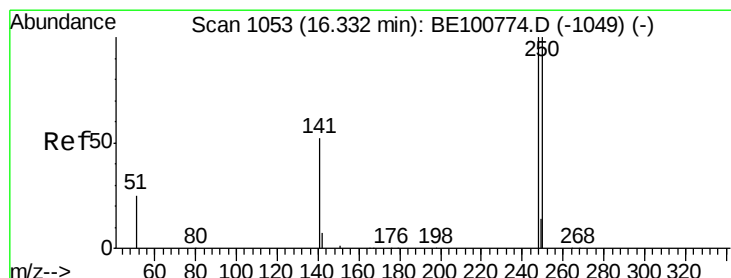
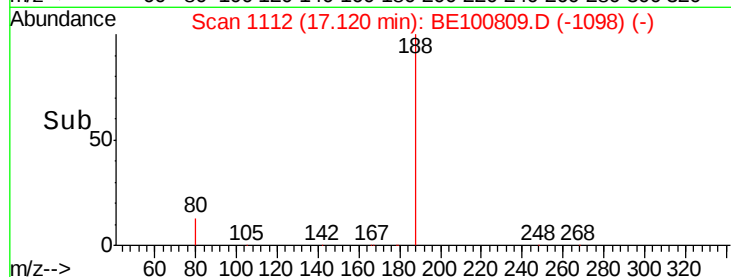
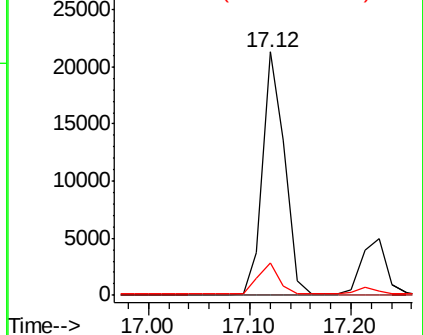
80 13.5 5.2 7.8#



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: 0.361 ng

RT: 16.33 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BE100809.D

Acq: 10 Dec 2019 13:26

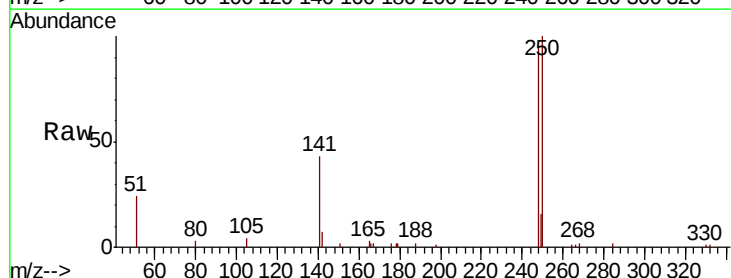
Tgt Ion:248 Resp: 5687

Ion Ratio Lower Upper

248 100

250 104.4 80.5 120.7

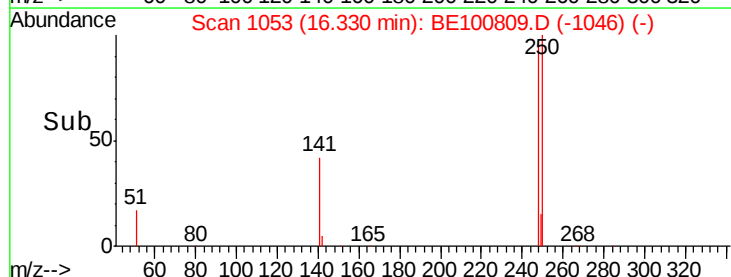
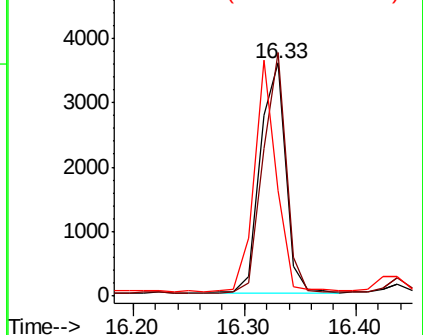
141 45.2 42.6 64.0



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

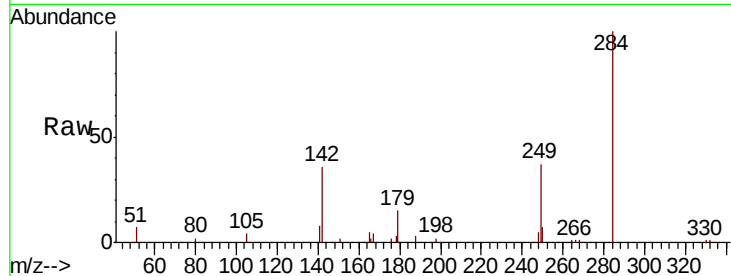




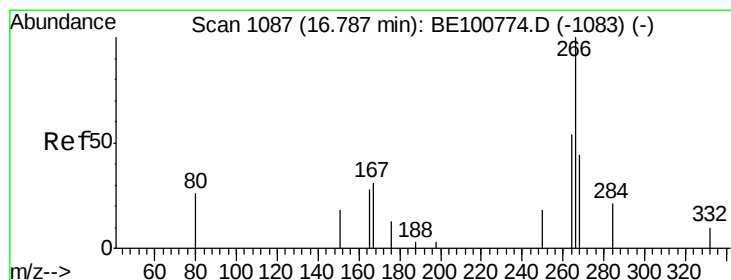
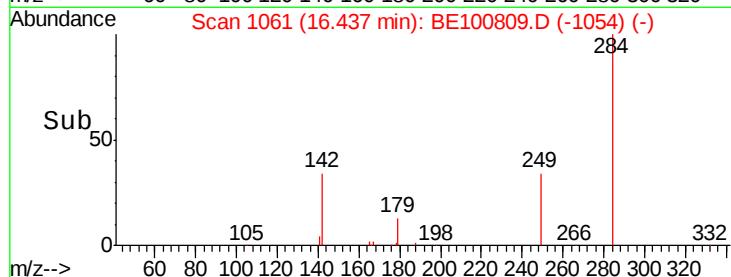
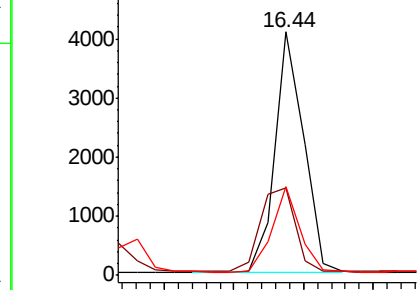
#21
Hexachlorobenzene
Concen: 0.339 ng
RT: 16.44 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BE100809.D
Acq: 10 Dec 2019 13:26

Instrument :
BNA_E
ClientSampleId :
RE134D1-20191202MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	42.2	34.4	51.6
249	34.2	28.5	42.7

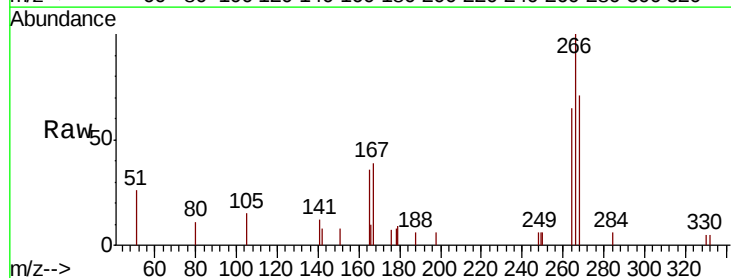


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

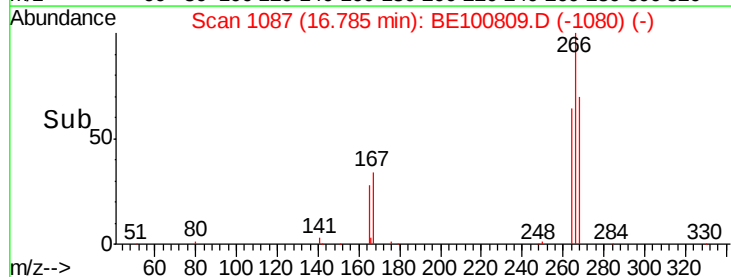
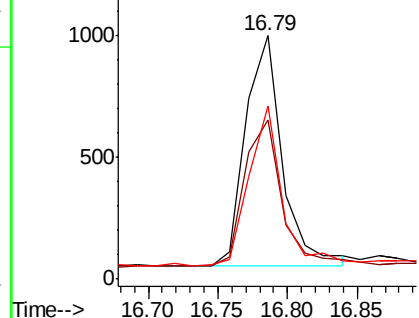


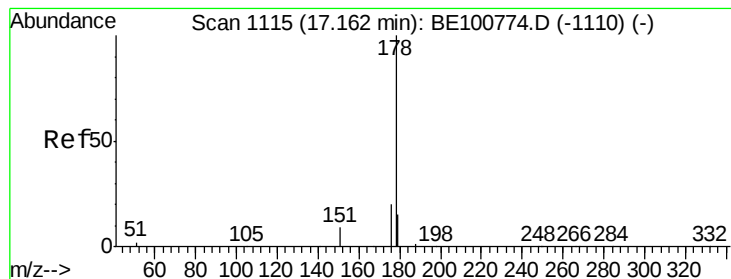
#22
Pentachlorophenol
Concen: 1.470 ng
RT: 16.79 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE100809.D
Acq: 10 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.3	63.4	95.0
268	71.1	65.8	98.8



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: 0.379 ng

RT: 17.16 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE100809.D

Acq: 10 Dec 2019 13:26

Instrument :

BNA_E

ClientSampleId :

RE134D1-20191202MS

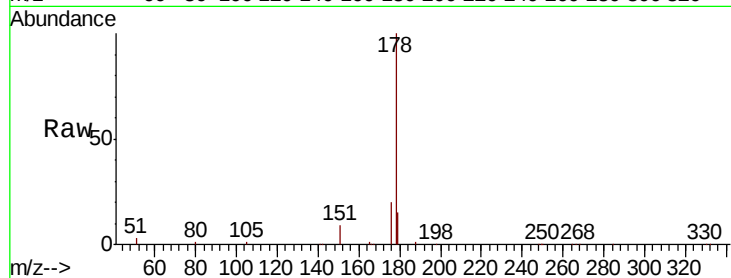
Tot Ion:178 Resp: 36901

Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

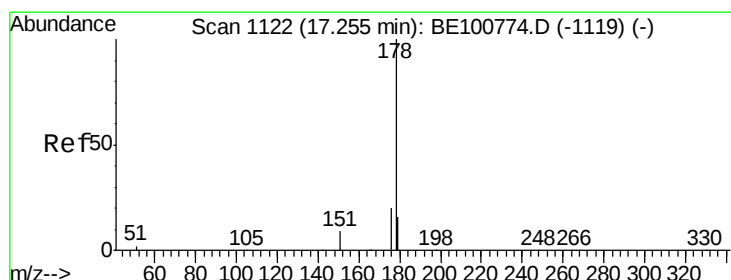
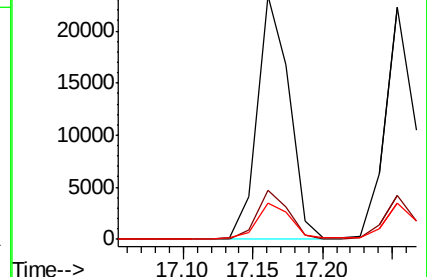
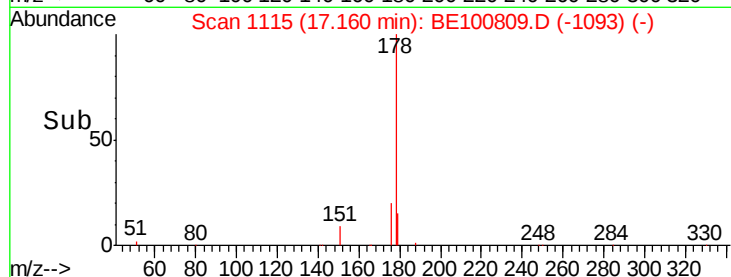
179 15.2 12.3 18.5



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: 0.398 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100809.D

Acq: 10 Dec 2019 13:26

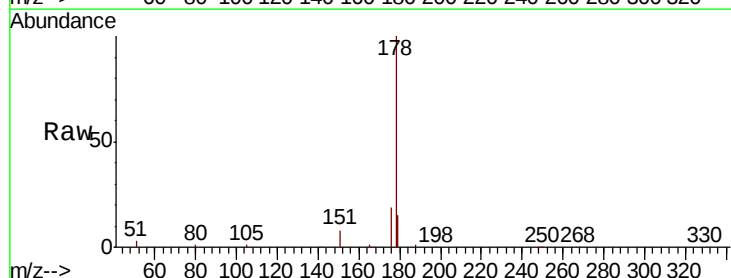
Tgt Ion:178 Resp: 32349

Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

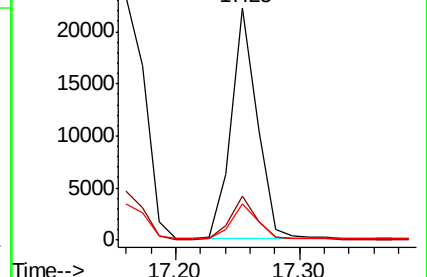
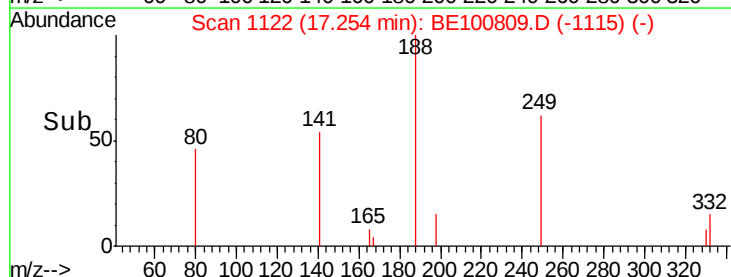
179 15.4 12.7 19.1



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: 0.412 ng

RT: 19.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE100809.D

Acq: 10 Dec 2019 13:26

Instrument :

BNA_E

ClientSampleId :

RE134D1-20191202MS

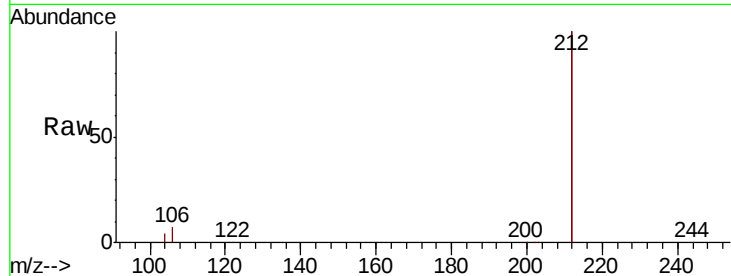
Tot Ion:212 Resp: 156337

Ion Ratio Lower Upper

212 100

106 3.2 2.6 3.8

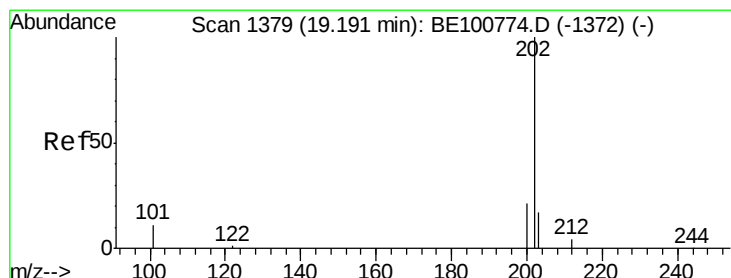
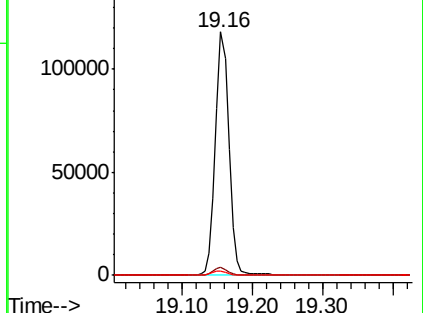
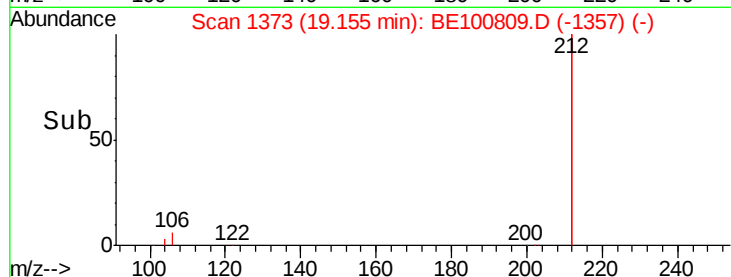
104 1.8 1.4 2.2



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: 0.378 ng

RT: 19.18 min Scan# 1378

Delta R.T. -0.01 min

Lab File: BE100809.D

Acq: 10 Dec 2019 13:26

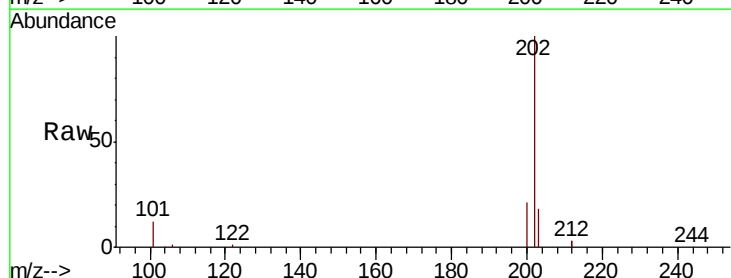
Tgt Ion:202 Resp: 43916

Ion Ratio Lower Upper

202 100

101 11.9 9.1 13.7

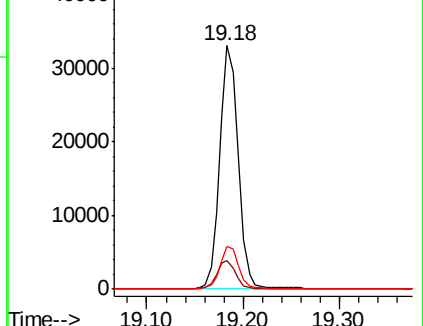
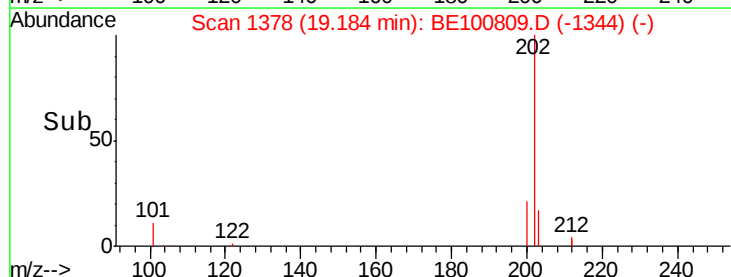
203 17.0 13.8 20.6



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

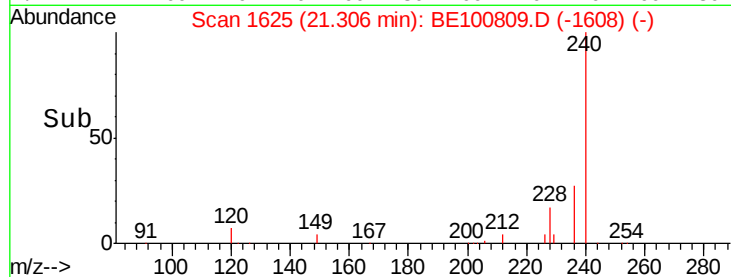
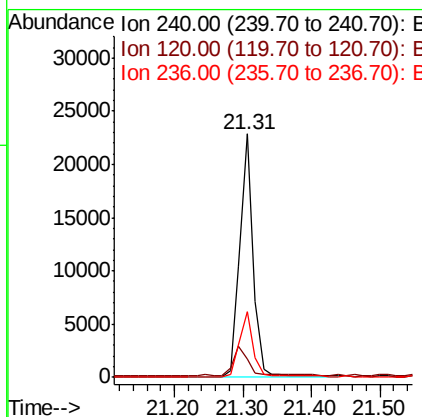
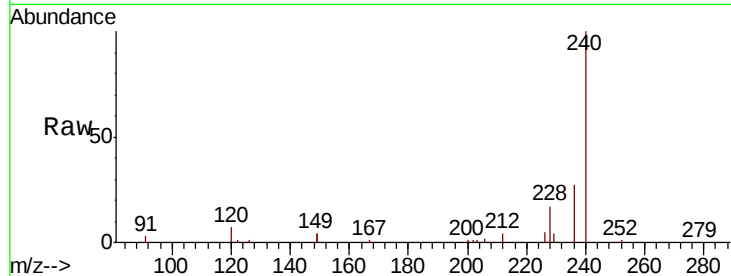




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.31 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BE100809.D
 Acq: 10 Dec 2019 13:26

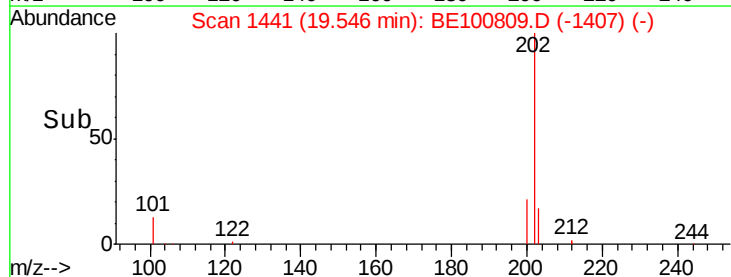
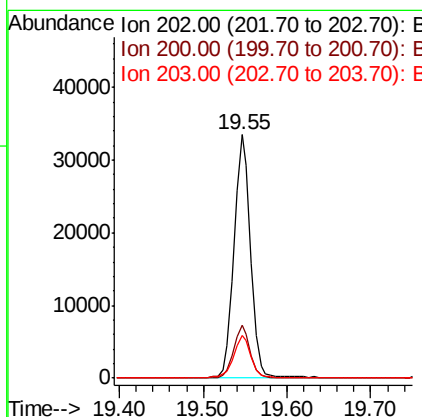
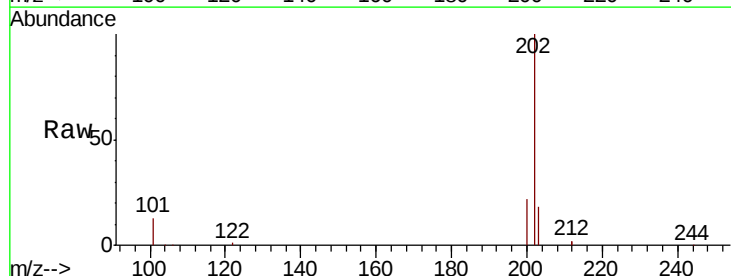
Instrument :
 BNA_E
 ClientSampleId :
 RE134D1-20191202MS

Tot Ion:240 Resp: 30761
 Ion Ratio Lower Upper
 240 100
 120 7.4 10.2 15.2#
 236 27.1 22.3 33.5



#28
 Pyrene
 Concen: 0.456 ng
 RT: 19.55 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BE100809.D
 Acq: 10 Dec 2019 13:26

Tgt Ion:202 Resp: 45534
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.0 25.4
 203 17.9 13.9 20.9





#29

Terphenyl-d14

Concen: 0.422 ng

RT: 19.76 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BE100809.D

Acq: 10 Dec 2019 13:26

Instrument :

BNA_E

ClientSampleId :

RE134D1-20191202MS

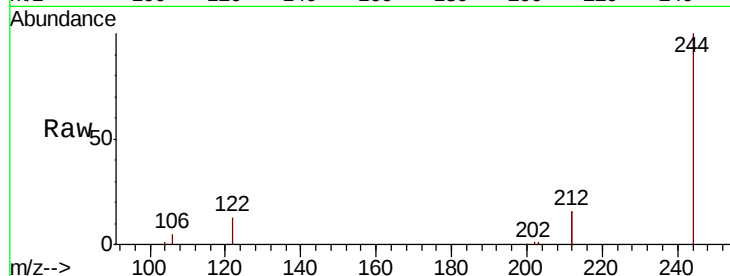
Tot Ion:244 Resp: 31085

Ion Ratio Lower Upper

244 100

212 32.8 26.2 39.4

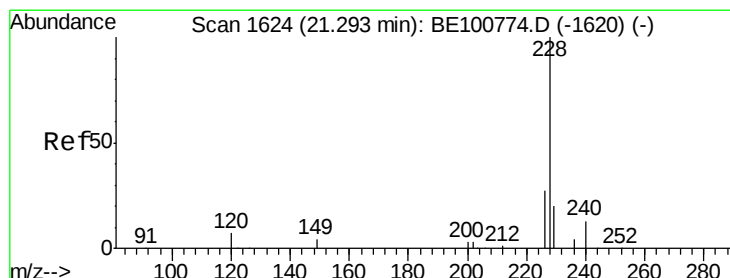
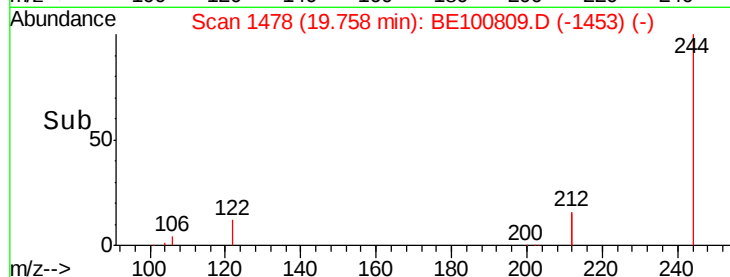
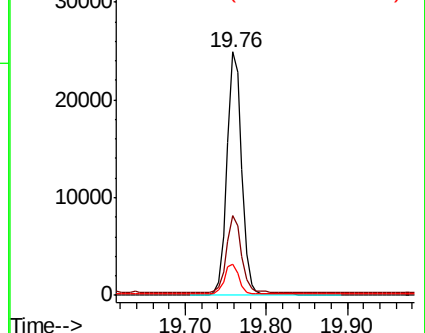
122 13.0 10.2 15.4



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: 0.448 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BE100809.D

Acq: 10 Dec 2019 13:26

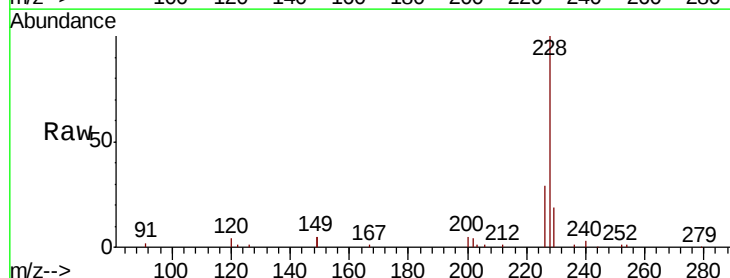
Tgt Ion:228 Resp: 40604

Ion Ratio Lower Upper

228 100

226 28.6 21.5 32.3

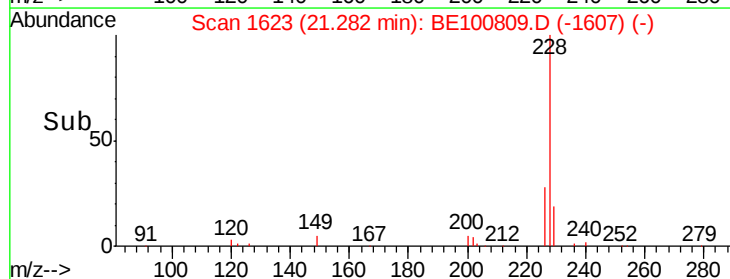
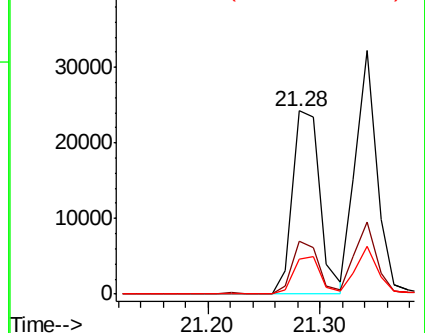
229 19.0 16.0 24.0



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

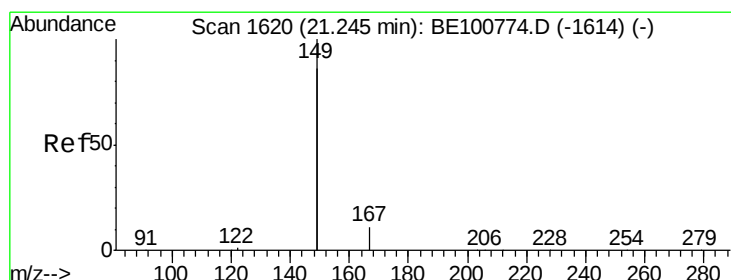
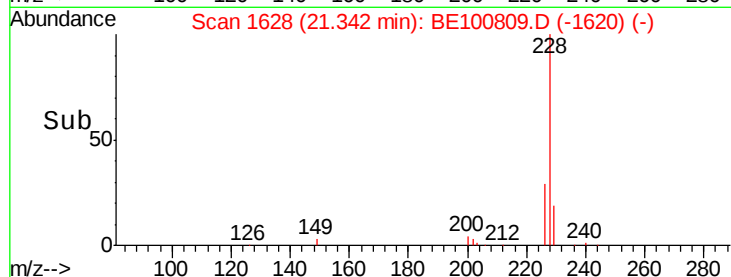
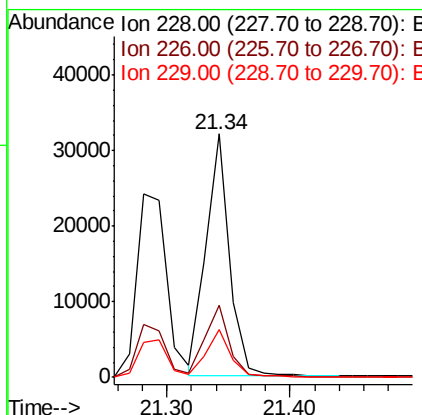
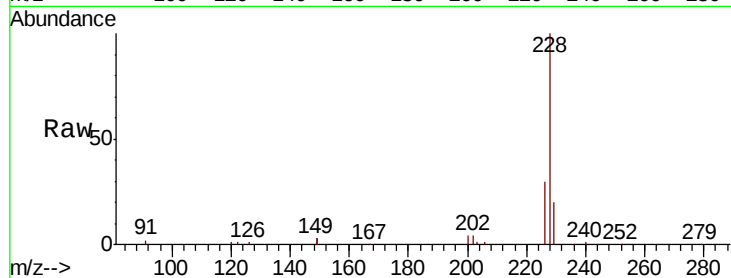




#31
Chrysene
Concen: 0.398 ng
RT: 21.34 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BE100809.D
Acq: 10 Dec 2019 13:26

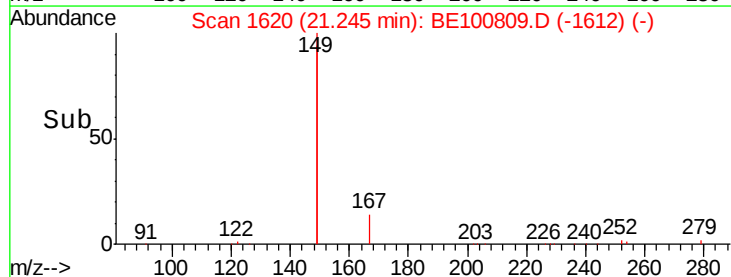
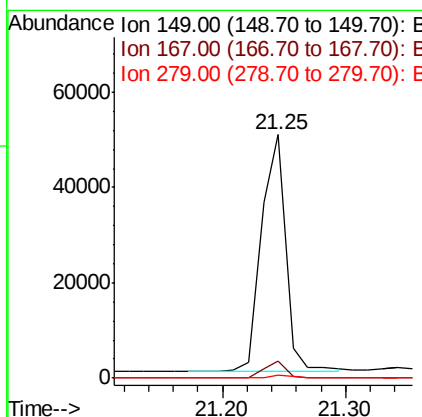
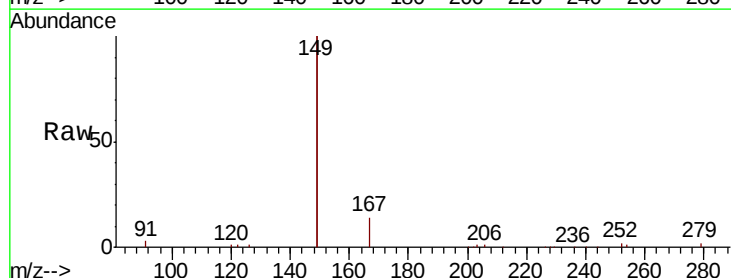
Instrument :
BNA_E
ClientSampleId :
RE134D1-20191202MS

Tot Ion:228 Resp: 42352
Ion Ratio Lower Upper
228 100
226 29.5 25.0 37.4
229 19.6 15.4 23.2



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.984 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100809.D
Acq: 10 Dec 2019 13:26

Tgt Ion:149 Resp: 68269
Ion Ratio Lower Upper
149 100
167 6.3 5.0 7.6
279 0.8 0.7 1.1

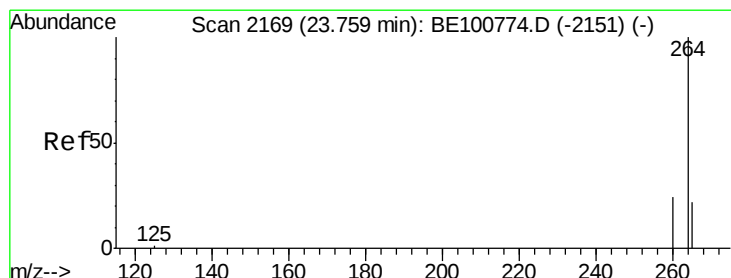
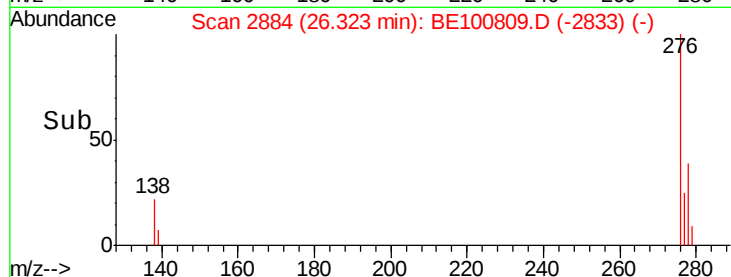
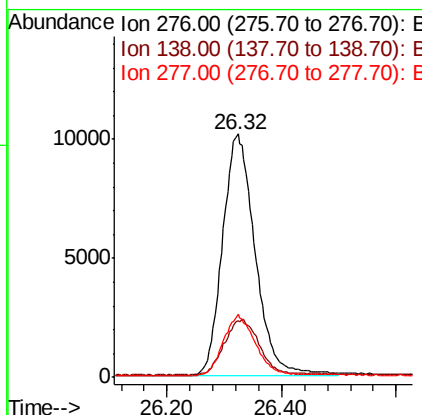
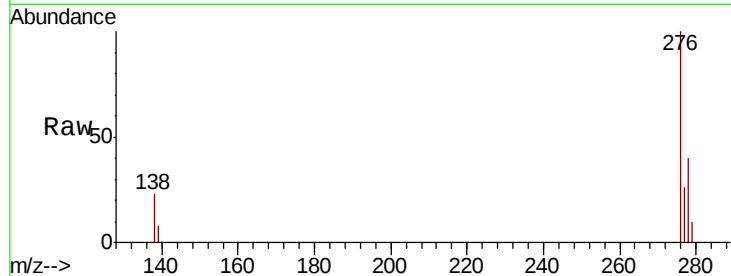




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.433 ng
 RT: 26.32 min Scan# 2884
 Delta R.T. -0.02 min
 Lab File: BE100809.D
 Acq: 10 Dec 2019 13:26

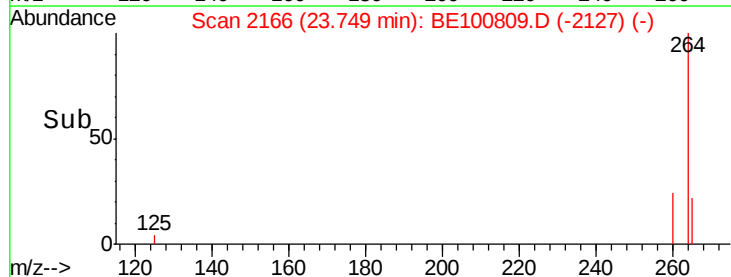
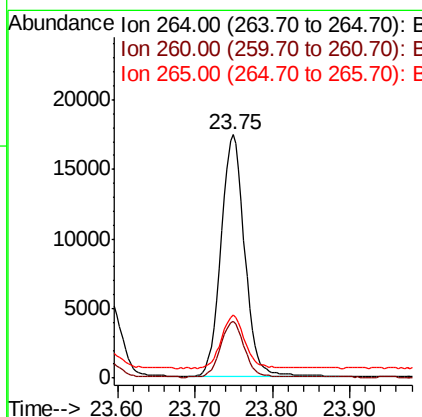
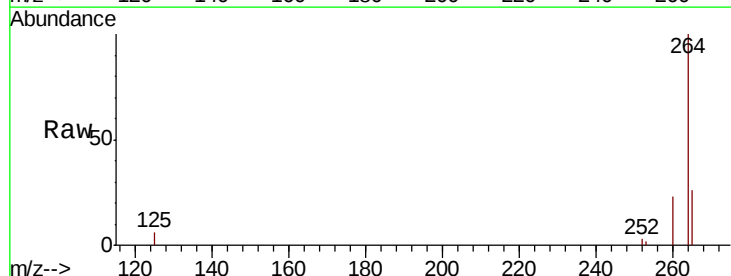
Instrument :
 BNA_E
 ClientSampleId :
 RE134D1-20191202MS

Tot Ion:276 Resp: 40178
 Ion Ratio Lower Upper
 276 100
 138 24.4 19.4 29.0
 277 24.1 19.8 29.6



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.75 min Scan# 2166
 Delta R.T. -0.01 min
 Lab File: BE100809.D
 Acq: 10 Dec 2019 13:26

Tgt Ion:264 Resp: 36692
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 25.9 21.8 32.8





#35

Benzo(b)fluoranthene

Concen: 0.392 ng

RT: 23.00 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BE100809.D

Acq: 10 Dec 2019 13:26

Instrument :

BNA_E

ClientSampleId :

RE134D1-20191202MS

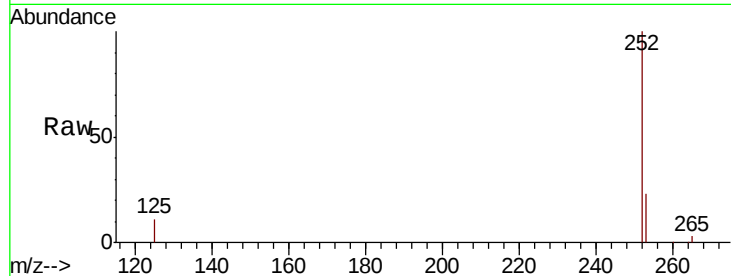
Tot Ion:252 Resp: 39389

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

125 11.3 9.0 13.4

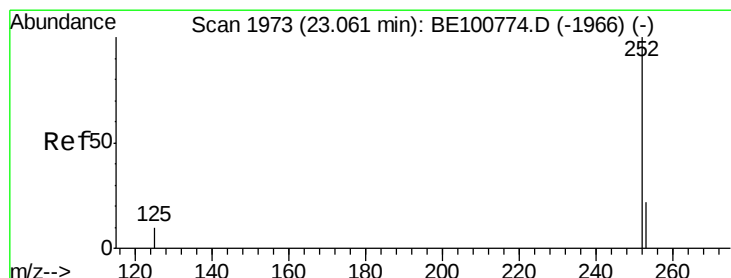
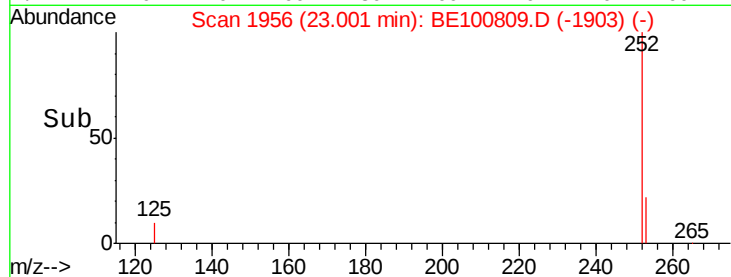
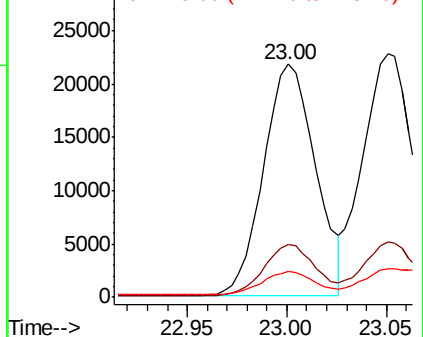


Abundance

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



#36

Benzo(k)fluoranthene

Concen: 0.377 ng

RT: 23.05 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BE100809.D

Acq: 10 Dec 2019 13:26

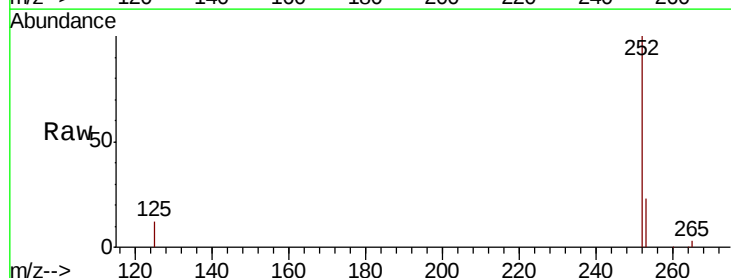
Tgt Ion:252 Resp: 42443

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 11.9 8.7 13.1

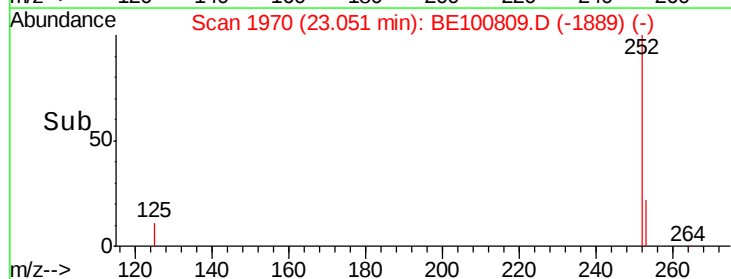
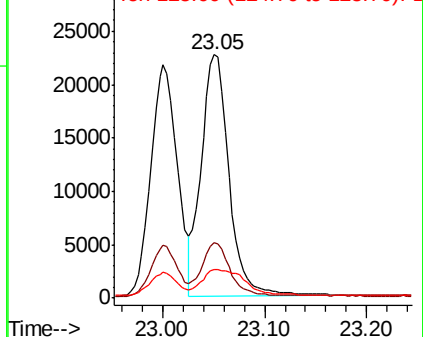


Abundance

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: 0.412 ng

RT: 23.64 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BE100809.D

Acq: 10 Dec 2019 13:26

Instrument :

BNA_E

ClientSampleId :

RE134D1-20191202MS

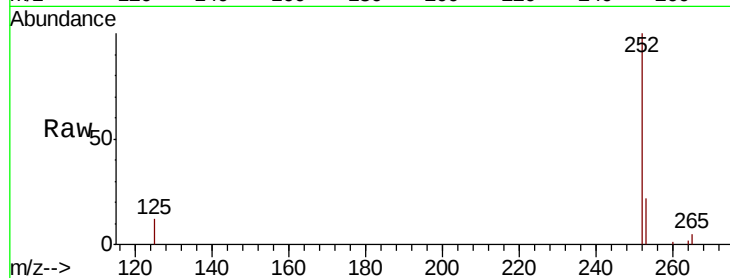
Tot Ion:252 Resp: 35794

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

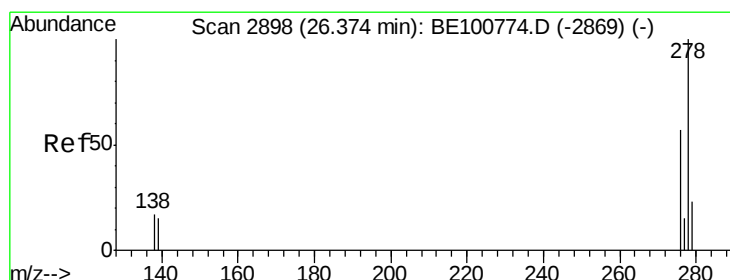
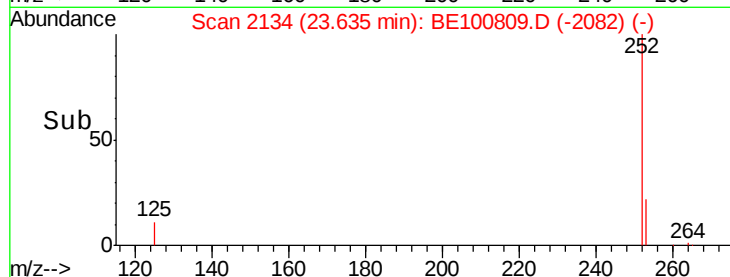
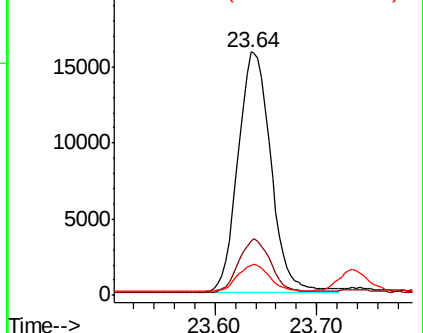
125 12.2 10.4 15.6



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: 0.389 ng

RT: 26.35 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BE100809.D

Acq: 10 Dec 2019 13:26

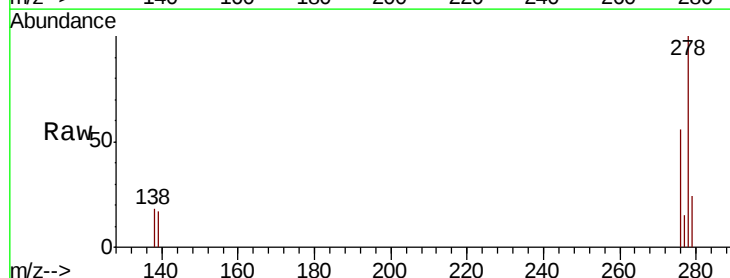
Tgt Ion:278 Resp: 33671

Ion Ratio Lower Upper

278 100

139 17.0 13.0 19.4

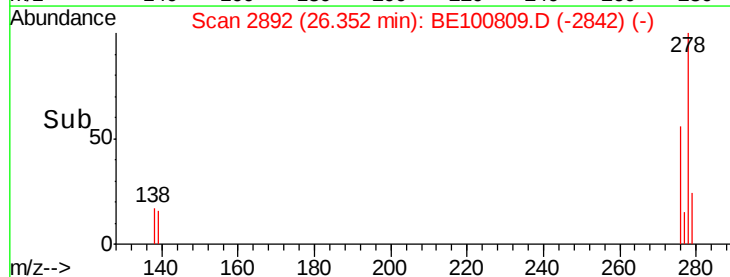
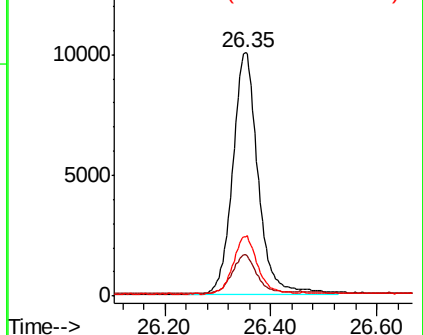
279 24.3 19.6 29.4



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: 0.315 ng

RT: 27.10 min Scan# 3103

Delta R.T. -0.02 min

Lab File: BE100809.D

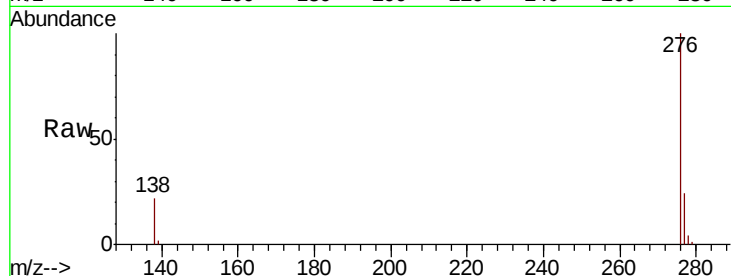
Acq: 10 Dec 2019 13:26

Instrument :

BNA_E

ClientSampleId :

RE134D1-20191202MS



Tot Ion: 276 Resp: 29139

Ion Ratio Lower Upper

276 100

277 24.1 19.3 28.9

138 22.0 17.8 26.6

