

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
 Data File : BP000300.D
 Acq On : 18 Sep 2019 16:25
 Operator : HP/JU
 Sample : K4938-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 19 03:18:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 18:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	250410	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	931526	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	523130	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	988025	20.00	ng	0.00
76) Chrysene-d12	13.99	240	779907	20.00	ng	0.00
87) Perylene-d12	15.47	264	877366	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1348459	92.96	ng	0.00
7) Phenol-d6	6.43	99	1735793	97.62	ng	0.00
23) Nitrobenzene-d5	7.35	82	981265	67.96	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	611910	117.93	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2264376	77.90	ng	0.00
79) Terphenyl-d14	12.93	244	2677279	72.02	ng	0.00

Target Compounds

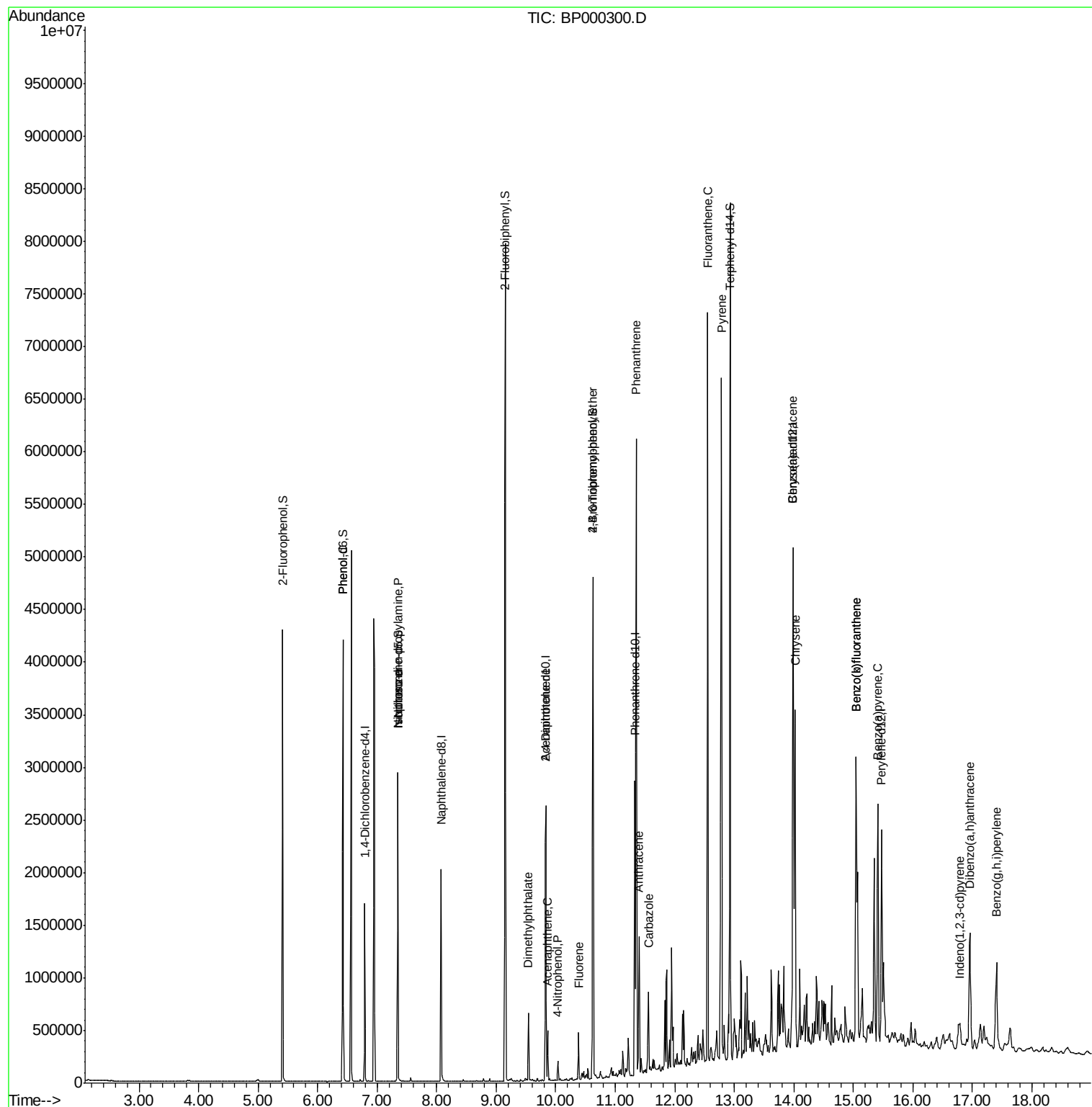
						Qvalue
9) Benzaldehyde	6.43	77	3182	Below Cal	#	3
10) Phenol	6.43	94	47382	2.346 ng		89
19) n-Nitroso-di-n-propylamine	7.35	70	121590	12.934 ng	#	76
25) Isophorone	7.35	82	979973	34.278 ng	#	63
50) Dimethylphthalate	9.54	163	263655	7.397 ng		100
52) Acenaphthene	9.86	154	88560	3.075 ng		100
56) 4-Nitrophenol	10.03	139	21959	3.246 ng	#	15
57) 2,4-Dinitrotoluene	9.83	165	69449	6.779 ng	#	35
58) Fluorene	10.38	166	112073	3.564 ng		99
67) 4-Bromophenyl-phenylether	10.62	248	41500	3.714 ng	#	1
69) Atrazine	11.02	200	262	Below Cal	#	44
71) Phenanthrene	11.35	178	2140720	43.236 ng		100
72) Anthracene	11.40	178	525701	10.315 ng		98
73) Carbazole	11.56	167	314747	6.858 ng		98
75) Fluoranthene	12.56	202	3135106	58.968 ng		96
78) Pyrene	12.79	202	2695767	46.200 ng		100
81) Benzo(a)anthracene	13.98	228	1527518	31.006 ng		99
83) Chrysene	14.02	228	1293765	26.747 ng		97
86) Indeno(1,2,3-cd)pyrene	16.79	276	125697	2.132 ng		95
88) Benzo(b)fluoranthene	15.05	252	2119241	40.490 ng		98
89) Benzo(k)fluoranthene	15.05	252	2119241	46.417 ng		98
90) Benzo(a)pyrene	15.41	252	1095048	22.993 ng		97
91) Dibenzo(a,h)anthracene	16.96	278	206275	4.646 ng		95
92) Benzo(g,h,i)perylene	17.40	276	689495	15.107 ng		96

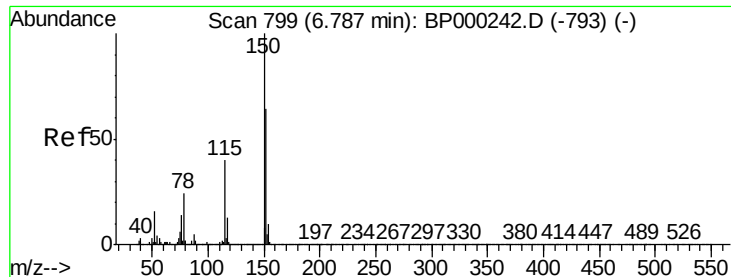
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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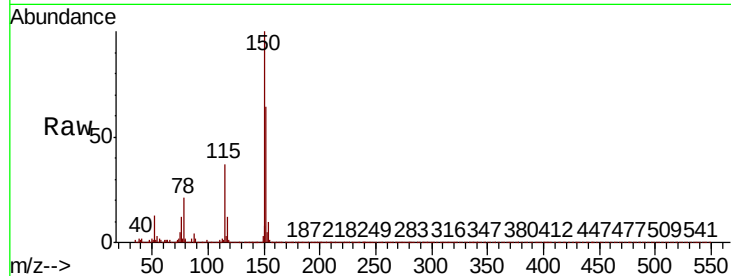


#1

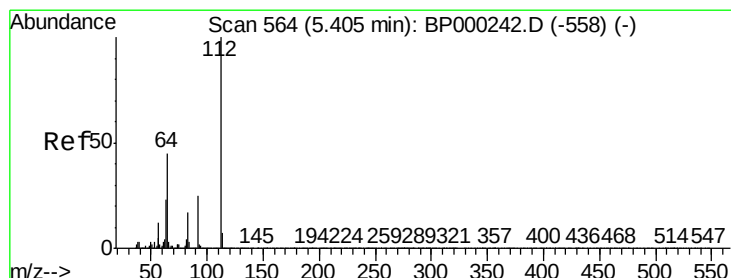
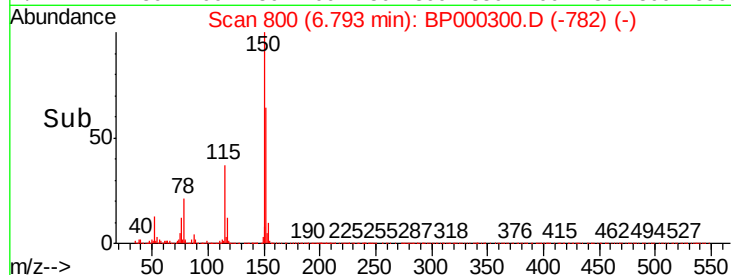
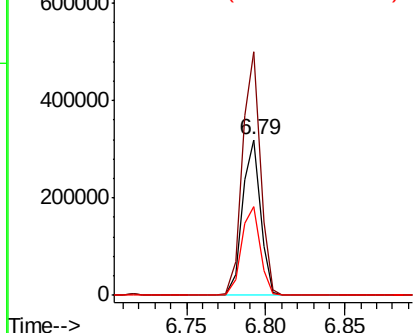
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000300.D
Acq: 18 Sep 2019 16:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 250410
Ion Ratio Lower Upper
152 100
150 156.4 125.2 187.8
115 57.2 49.7 74.5



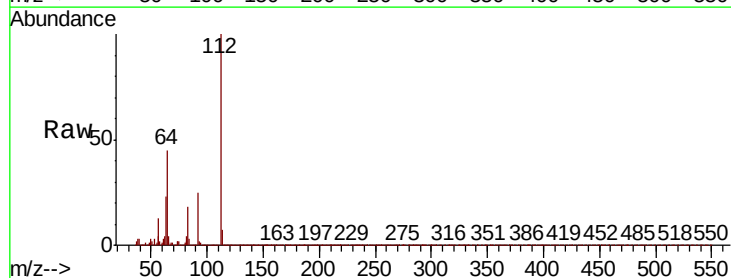
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



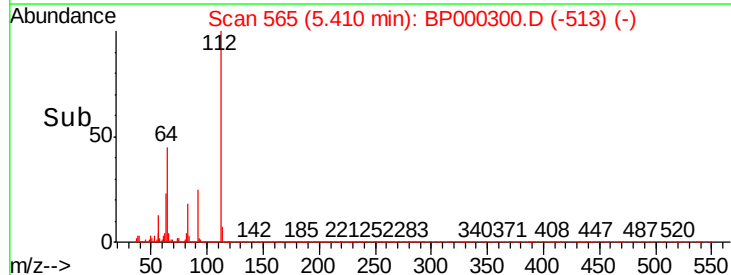
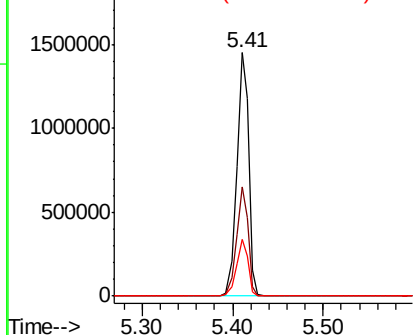
#5

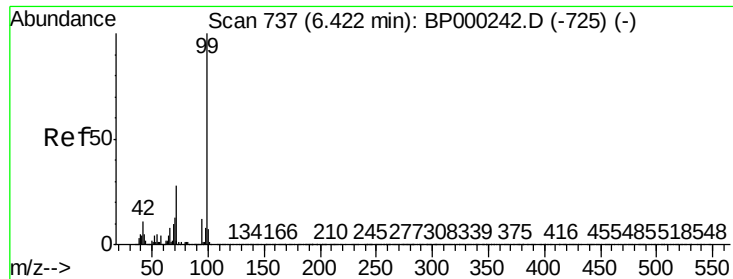
2-Fluorophenol
Concen: 92.964 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000300.D
Acq: 18 Sep 2019 16:25

Tgt Ion:112 Resp: 1348459
Ion Ratio Lower Upper
112 100
64 44.8 36.2 54.4
63 23.4 18.3 27.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 97.625 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000300.D

Acq: 18 Sep 2019 16:25

Instrument :

BNA_P

ClientSampled :

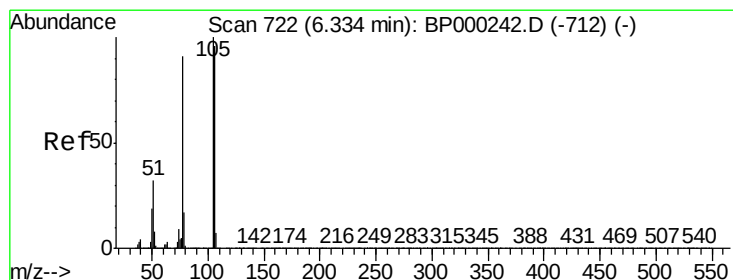
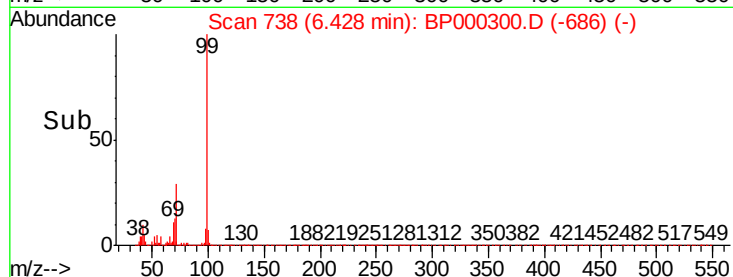
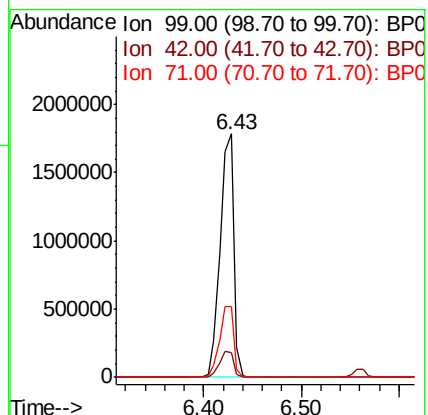
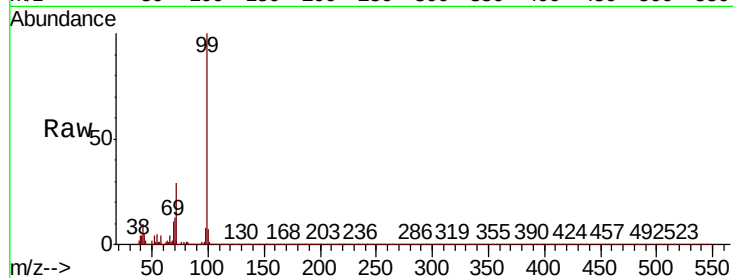
Tot Ion: 99 Resp: 1735793

Ion Ratio Lower Upper

99 100

42 10.3 8.5 12.7

71 29.2 22.6 34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.43 min Scan# 738

Delta R.T. 0.09 min

Lab File: BP000300.D

Acq: 18 Sep 2019 16:25

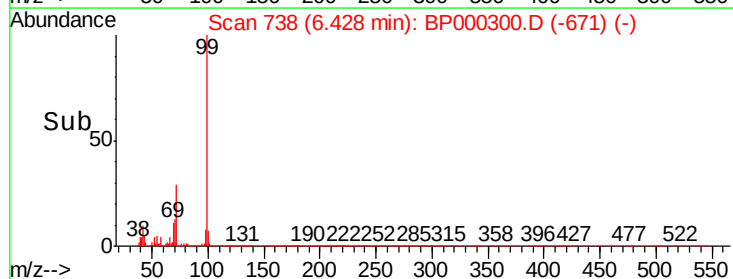
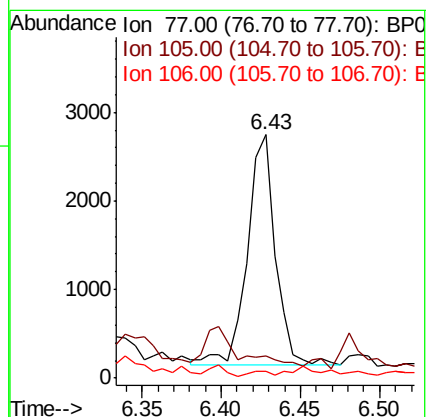
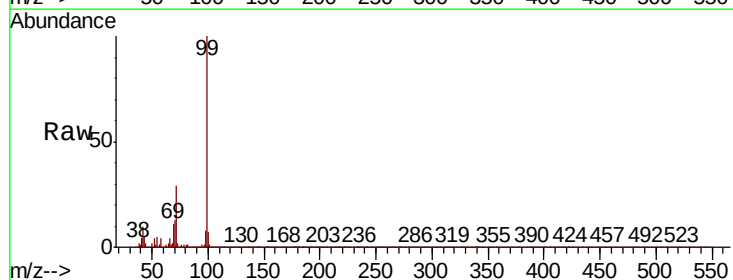
Tgt Ion: 77 Resp: 3182

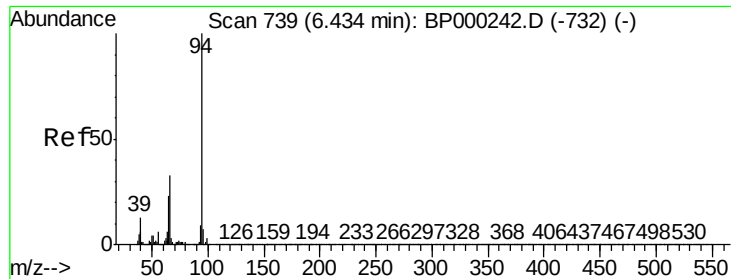
Ion Ratio Lower Upper

77 100

105 8.9 89.6 129.6#

106 2.9 84.6 124.6#





#10

Phenol

Concen: 2.346 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BP000300.D

Acq: 18 Sep 2019 16:25

Instrument :

BNA_P

ClientSampled :

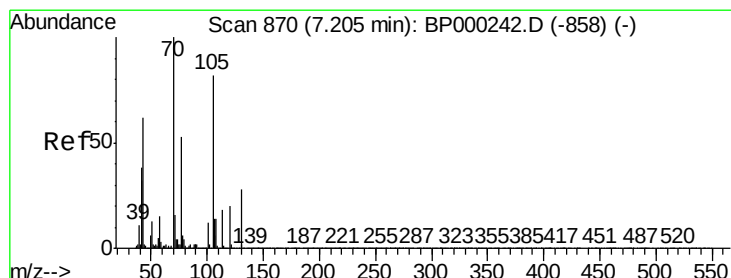
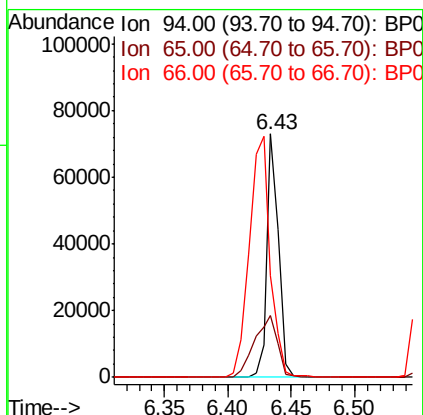
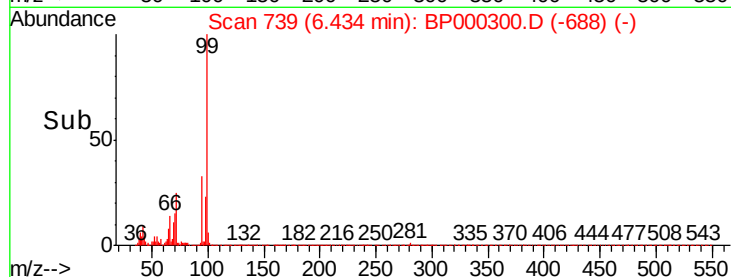
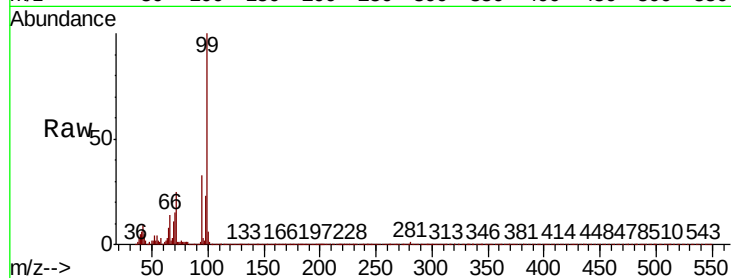
Tot Ion: 94 Resp: 47382

Ion Ratio Lower Upper

94 100

65 25.5 3.3 43.3

66 41.7 12.7 52.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.934 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BP000300.D

Acq: 18 Sep 2019 16:25

Tgt Ion: 70 Resp: 121590

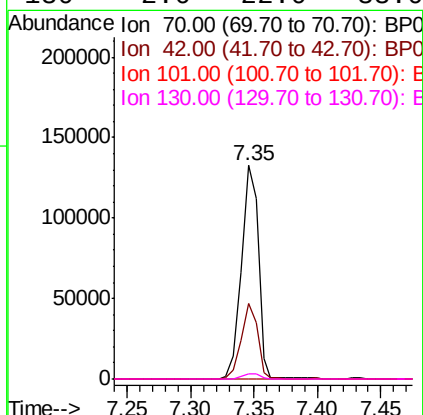
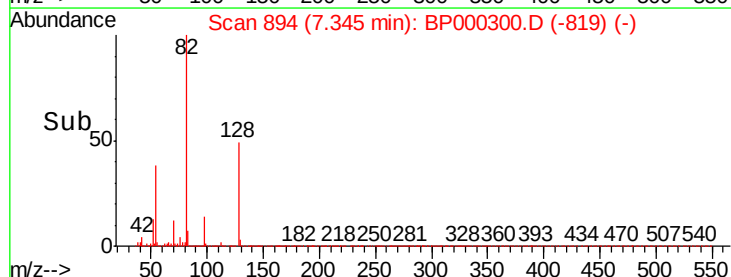
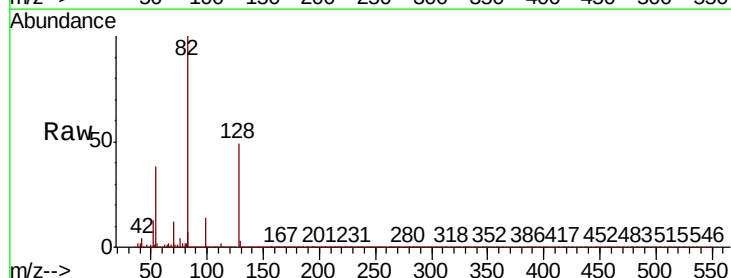
Ion Ratio Lower Upper

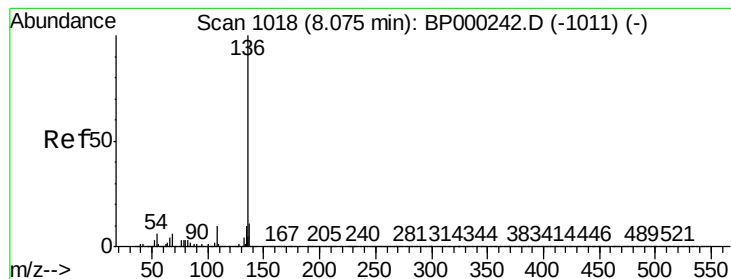
70 100

42 35.4 30.7 46.1

101 0.0 9.6 14.4#

130 2.6 22.0 33.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BP000300.D

Acq: 18 Sep 2019 16:25

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 931526

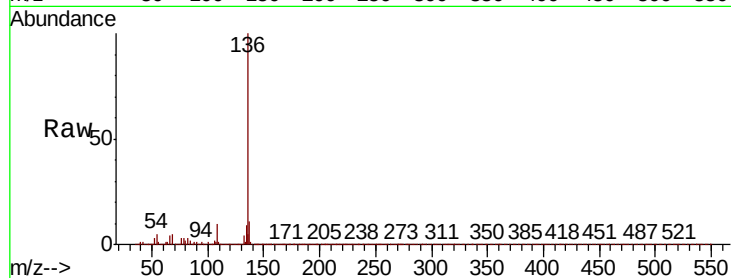
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 4.9 4.5 6.7

68 4.9 4.5 6.7

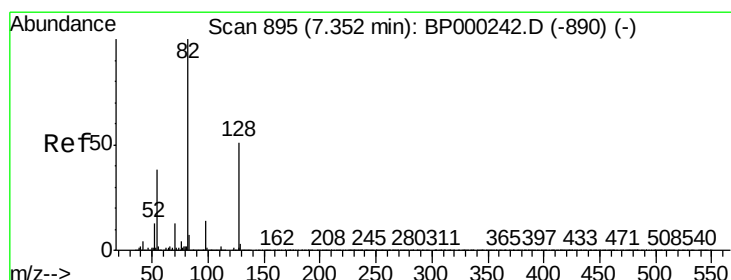
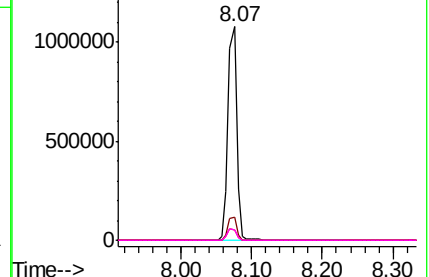
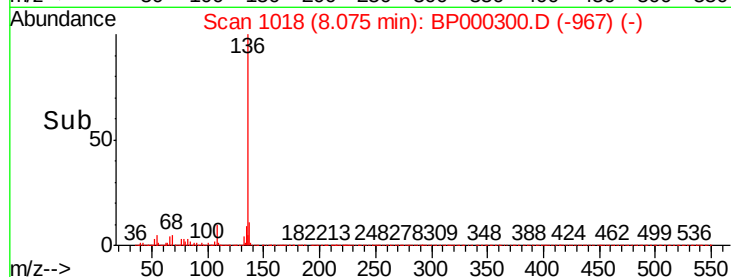


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#23

Nitrobenzene-d5

Concen: 67.965 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BP000300.D

Acq: 18 Sep 2019 16:25

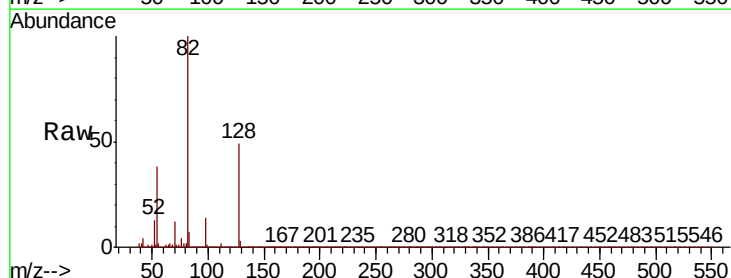
Tgt Ion: 82 Resp: 981265

Ion Ratio Lower Upper

82 100

128 48.7 40.7 61.1

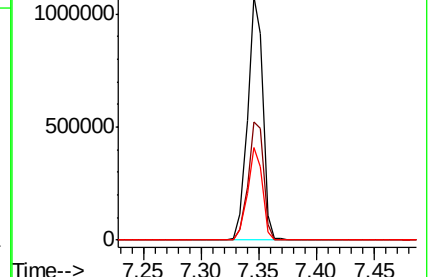
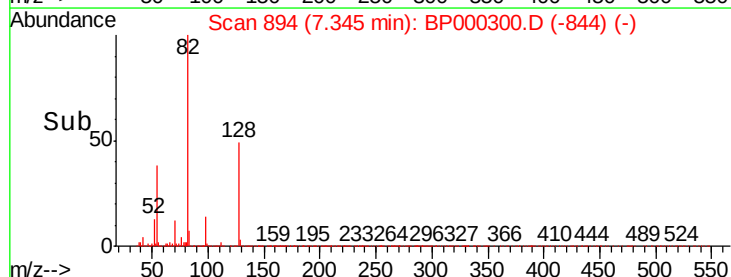
54 37.9 30.1 45.1

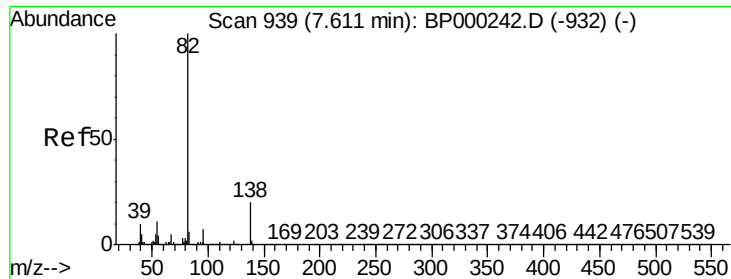


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0





#25

Isophorone

Concen: 34.278 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.27 min

Lab File: BP000300.D

Acq: 18 Sep 2019 16:25

Instrument :

BNA_P

ClientSampled :

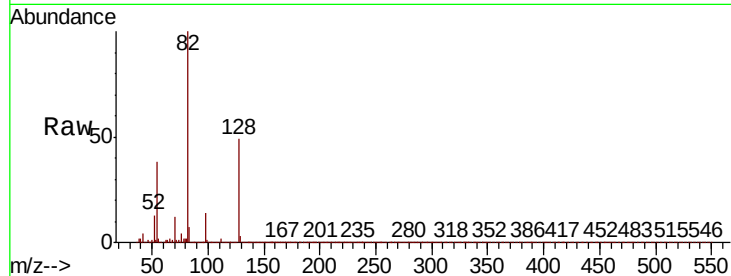
Tot Ion: 82 Resp: 979973

Ion Ratio Lower Upper

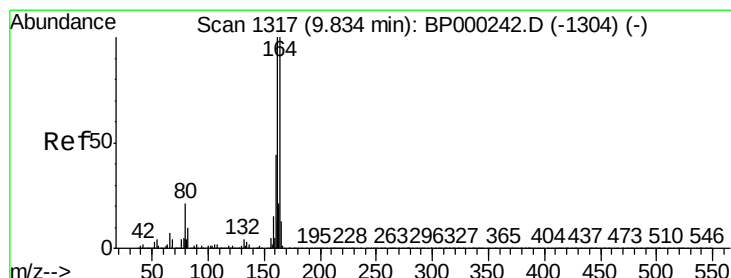
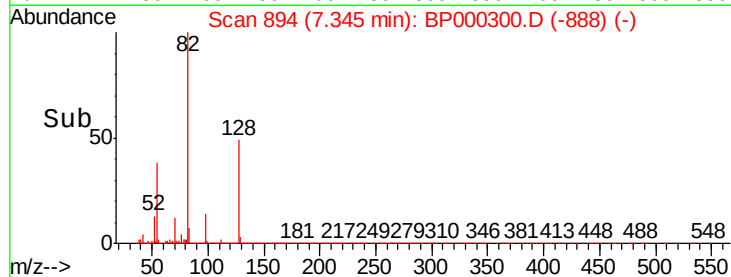
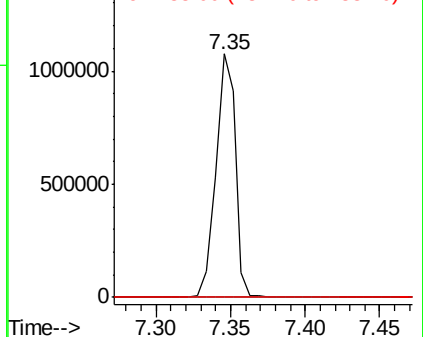
82 100

95 0.0 5.9 8.9#

138 0.0 15.9 23.9#



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 95.00 (94.70 to 95.70): BP0
Ion 138.00 (137.70 to 138.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BP000300.D

Acq: 18 Sep 2019 16:25

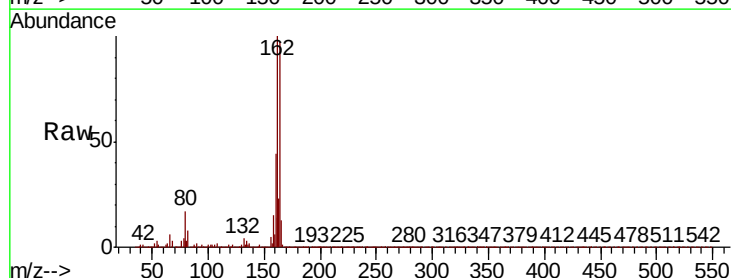
Tgt Ion:164 Resp: 523130

Ion Ratio Lower Upper

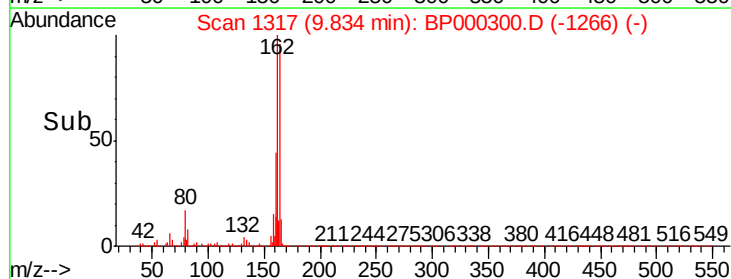
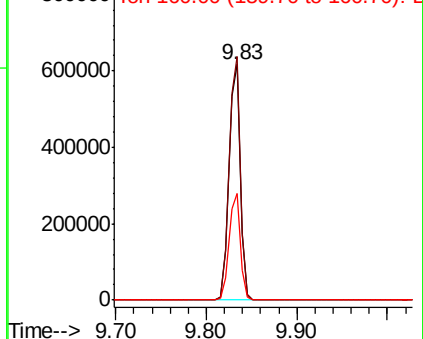
164 100

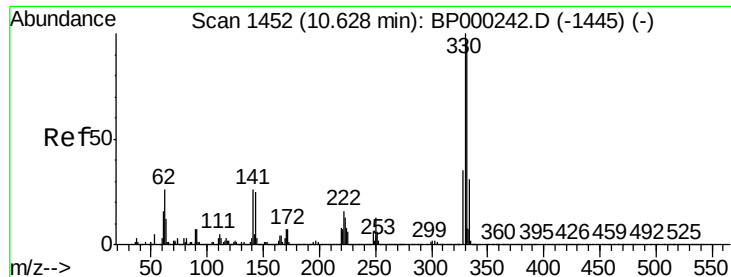
162 103.3 79.9 119.9

160 45.4 35.6 53.4



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





#42

2,4,6-Tribromophenol

Concen: 117.930 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BP000300.D

Acq: 18 Sep 2019 16:25

Instrument :

BNA_P

ClientSampleId :

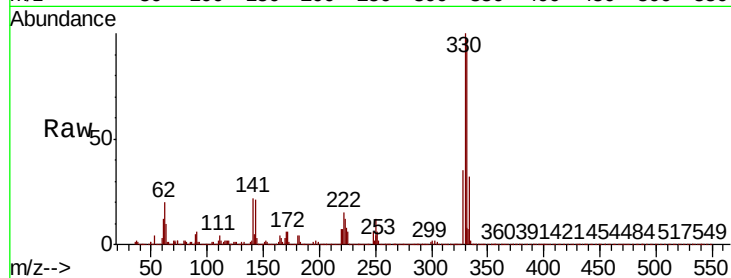
Tot Ion:330 Resp: 611910

Ion Ratio Lower Upper

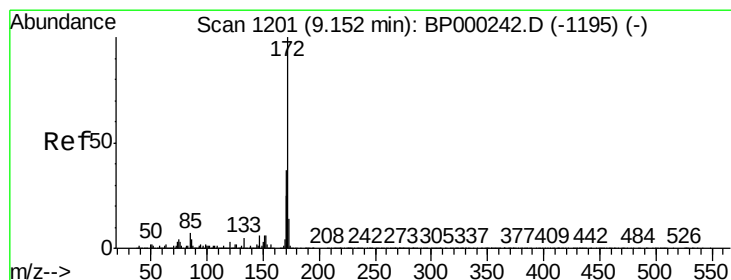
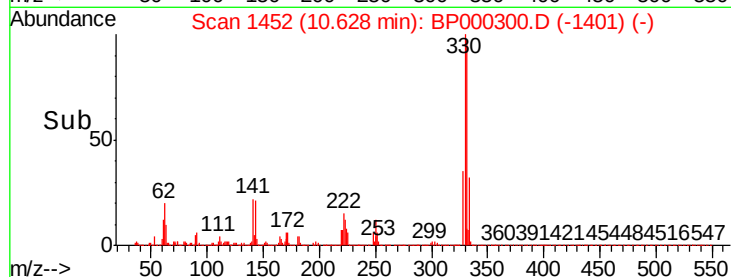
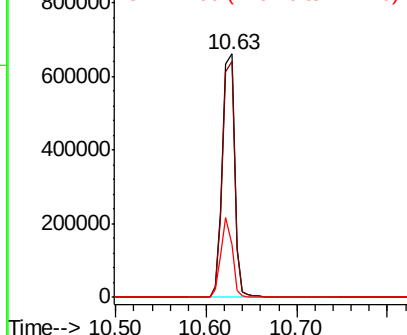
330 100

332 96.6 76.6 115.0

141 30.2 26.5 39.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 77.905 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BP000300.D

Acq: 18 Sep 2019 16:25

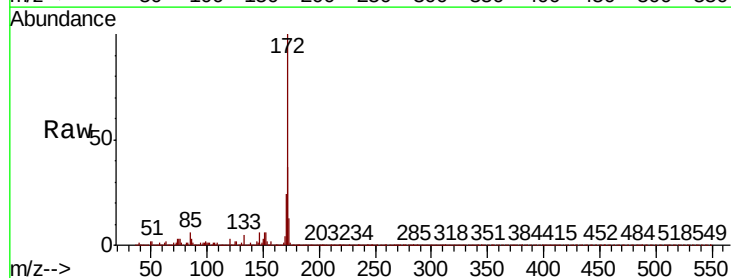
Tgt Ion:172 Resp: 2264376

Ion Ratio Lower Upper

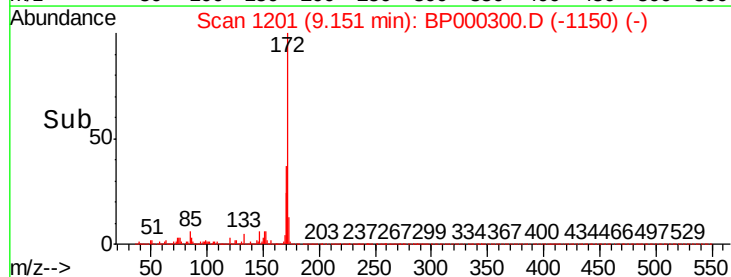
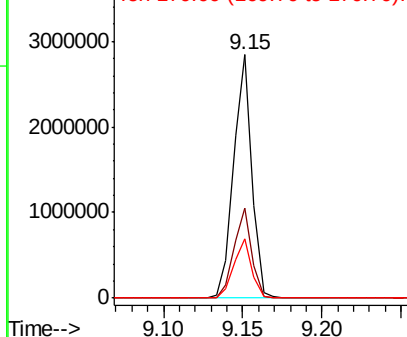
172 100

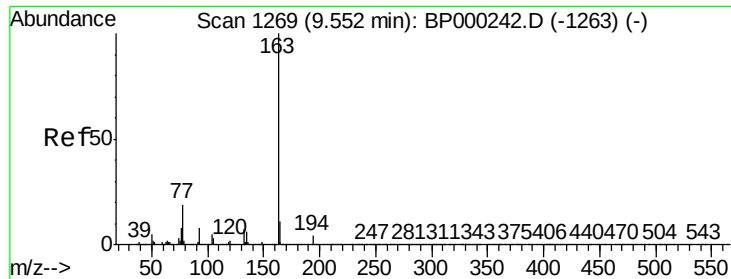
171 36.8 29.8 44.6

170 24.2 19.8 29.6



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

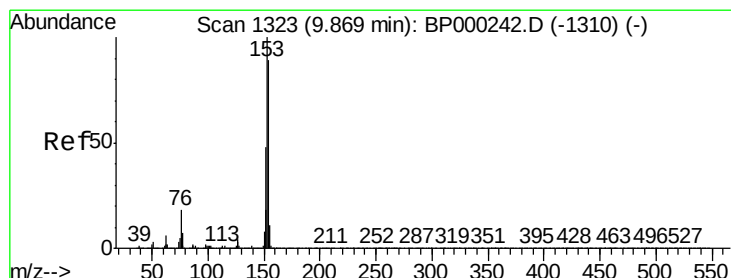
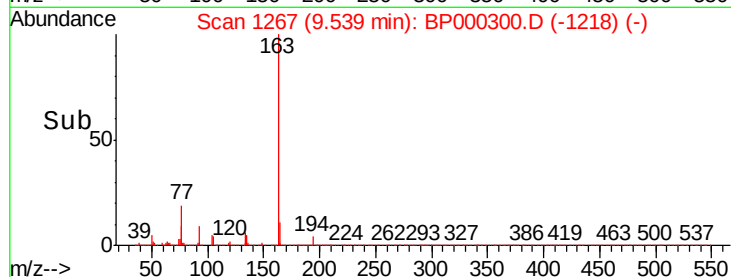
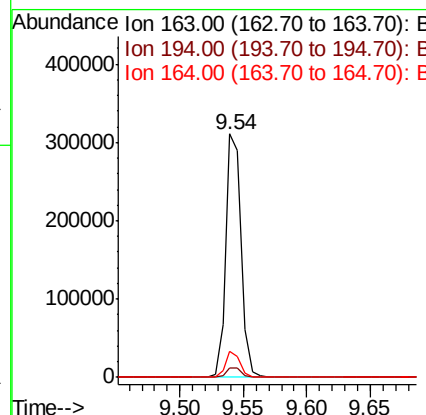
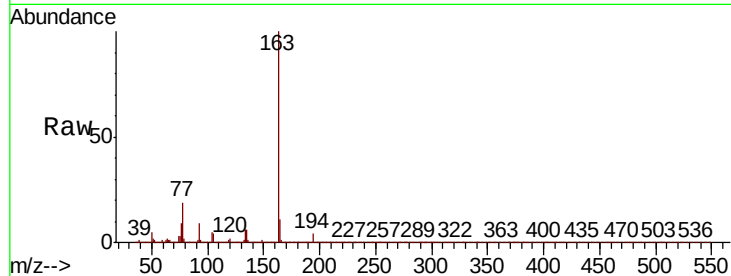




#50
Dimethylphthalate
Concen: 7.397 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP000300.D
Acq: 18 Sep 2019 16:25

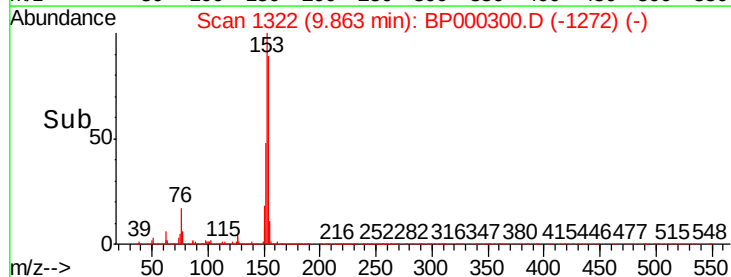
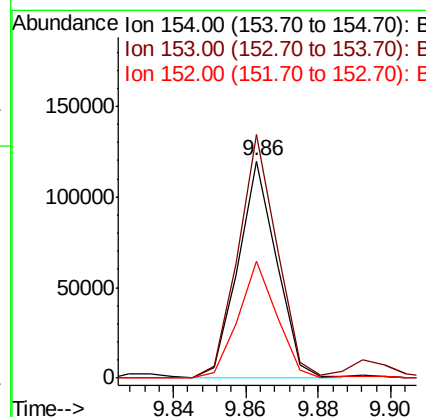
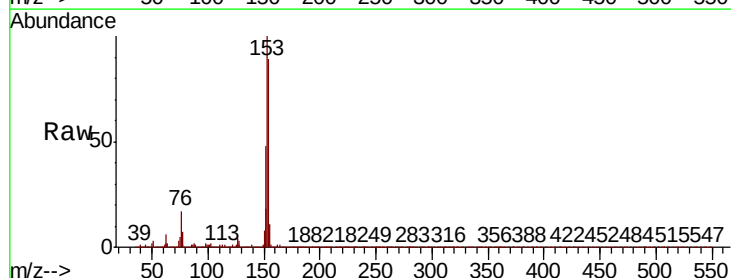
Instrument :
BNA_P
ClientSampleId :

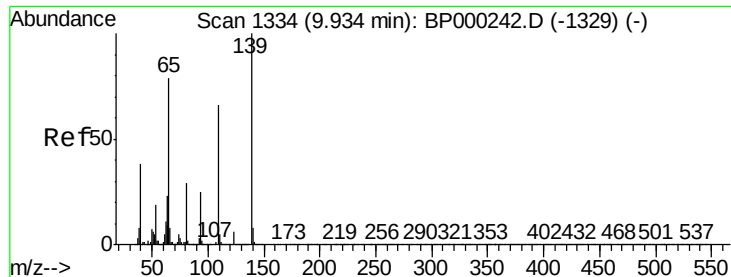
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.7	8.5	12.7



#52
Acenaphthene
Concen: 3.075 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BP000300.D
Acq: 18 Sep 2019 16:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	89.8	134.6
152	54.1	43.4	65.0





#56

4-Nitrophenol

Concen: 3.246 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.10 min

Lab File: BP000300.D

Acq: 18 Sep 2019 16:25

Instrument :

BNA_P

ClientSampleId :

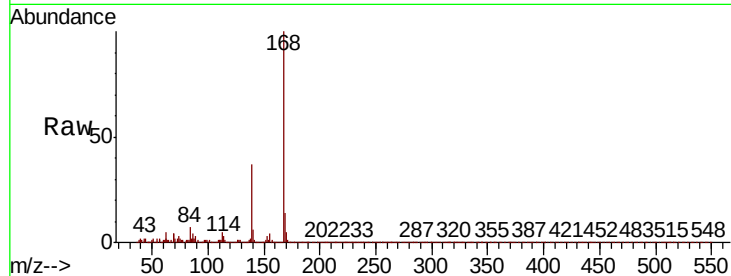
Tot Ion:139 Resp: 21959

Ion Ratio Lower Upper

139 100

109 1.7 46.2 86.2#

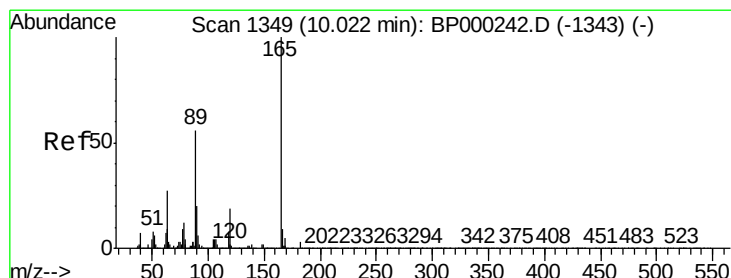
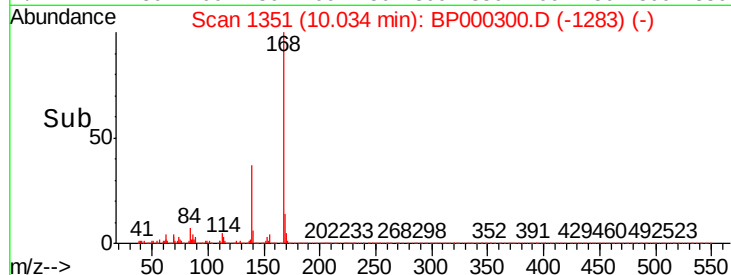
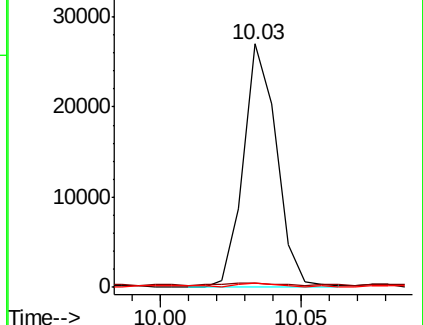
65 1.6 59.4 99.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO



#57

2,4-Dinitrotoluene

Concen: 6.779 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.19 min

Lab File: BP000300.D

Acq: 18 Sep 2019 16:25

Tgt Ion:165 Resp: 69449

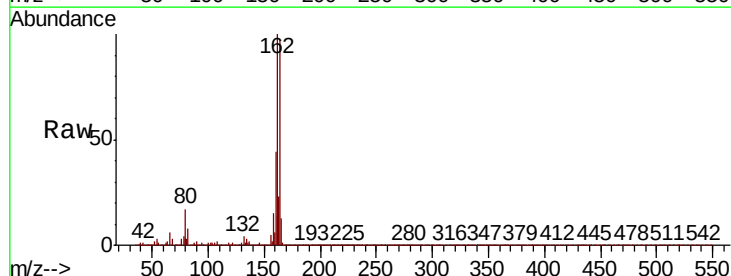
Ion Ratio Lower Upper

165 100

63 1.0 21.7 32.5#

89 1.3 45.0 67.6#

182 0.1 2.4 3.6#

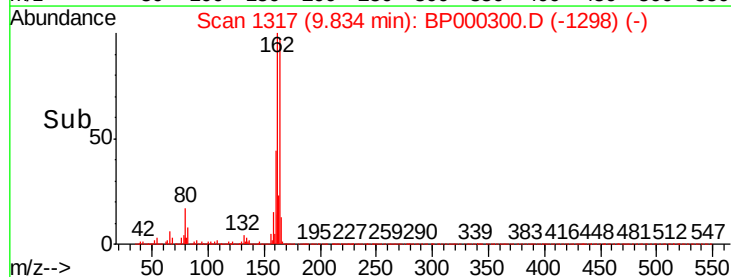
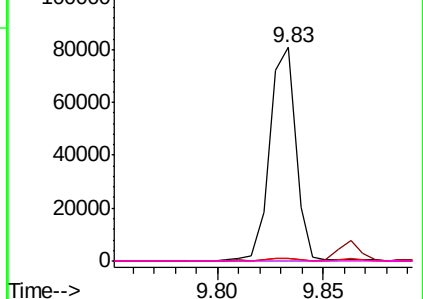


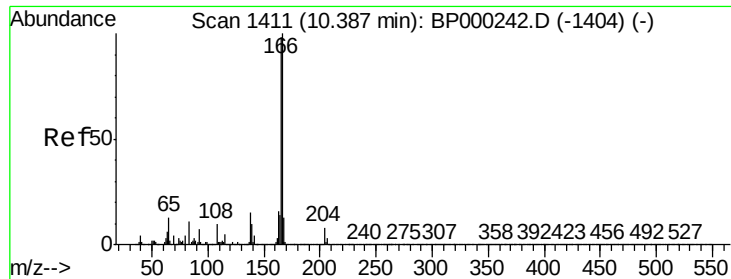
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BPO

Ion 89.00 (88.70 to 89.70): BPO

Ion 182.00 (181.70 to 182.70): E

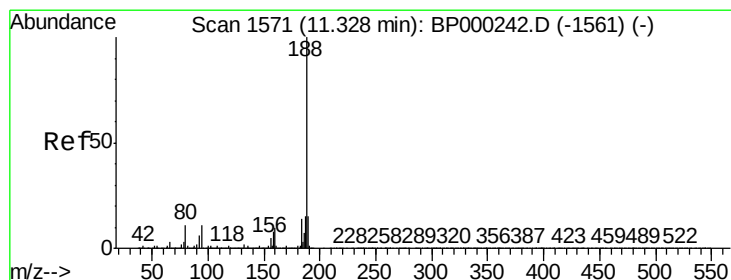
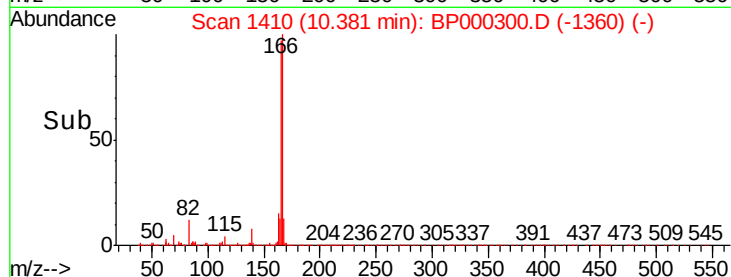
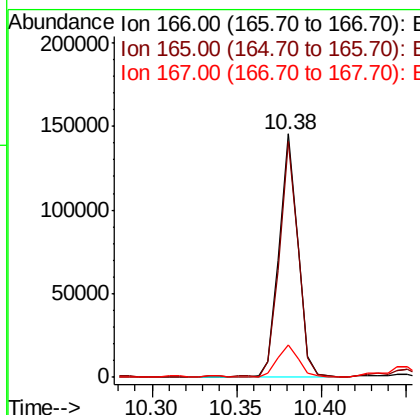
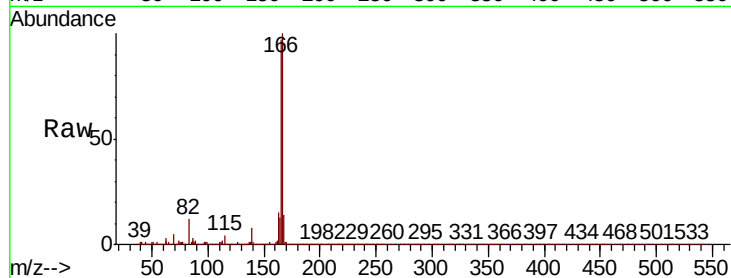




#58
 Fluorene
 Concen: 3.564 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BP000300.D
 Acq: 18 Sep 2019 16:25

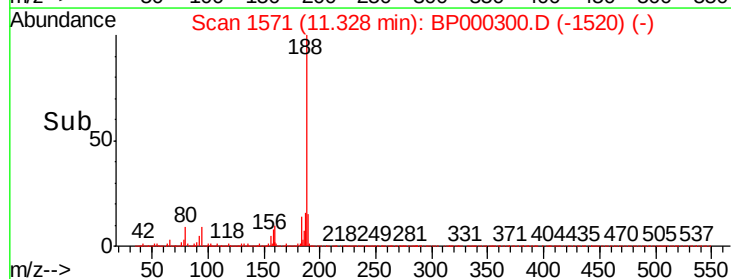
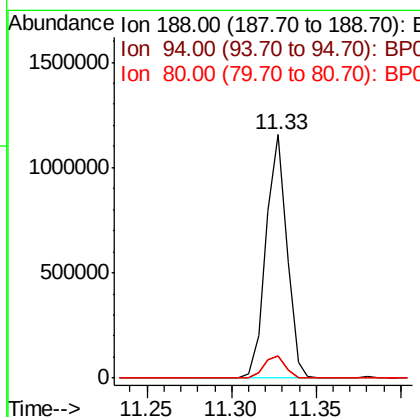
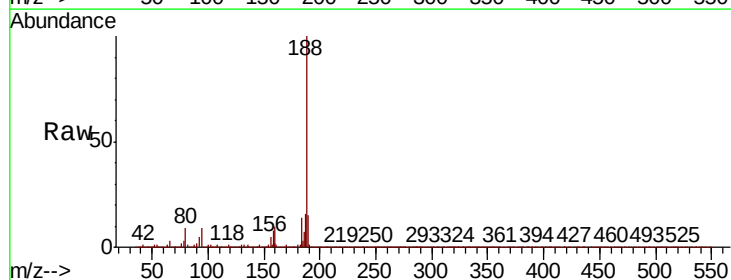
Instrument :
 BNA_P
 ClientSampleId :

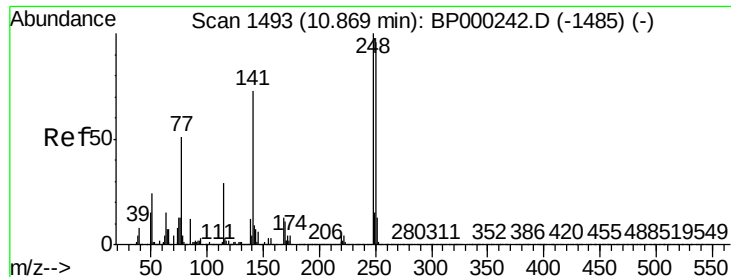
Tot Ion	166	Resp	112073
Ion Ratio	Lower	Upper	
166	100		
165	96.7	78.2	117.2
167	13.5	10.7	16.1



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BP000300.D
 Acq: 18 Sep 2019 16:25

Tgt Ion	188	Resp	988025
Ion Ratio	Lower	Upper	
188	100		
94	9.0	8.5	12.7
80	9.1	8.6	13.0

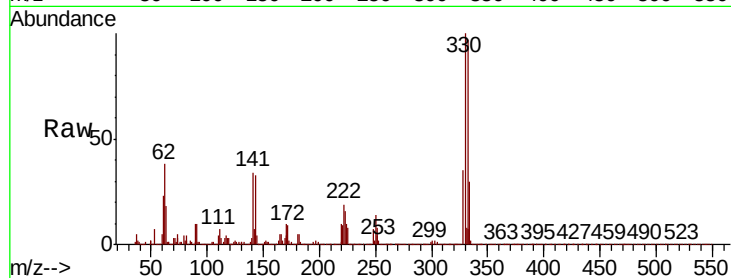




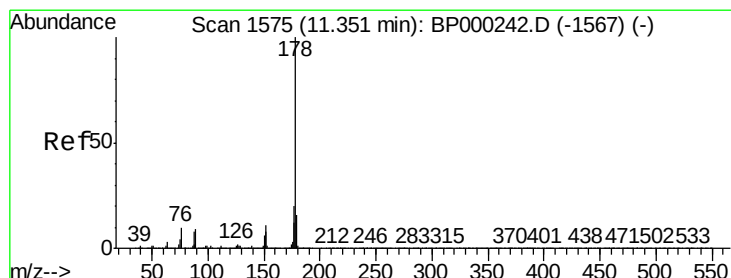
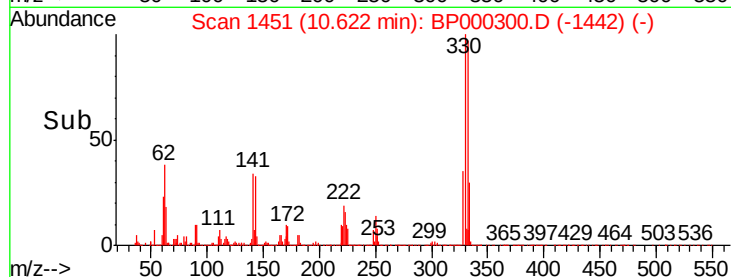
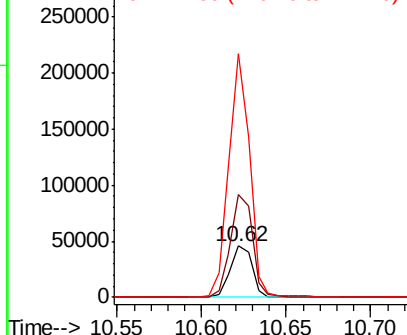
#67
4-Bromophenyl-phenylether
Concen: 3.714 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BP000300.D
Acq: 18 Sep 2019 16:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion:248 Resp: 41500
Ion Ratio Lower Upper
248 100
250 199.3 77.0 115.4#
141 472.6 58.5 87.7#

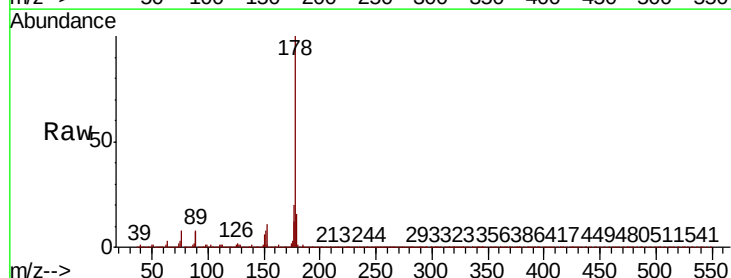


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

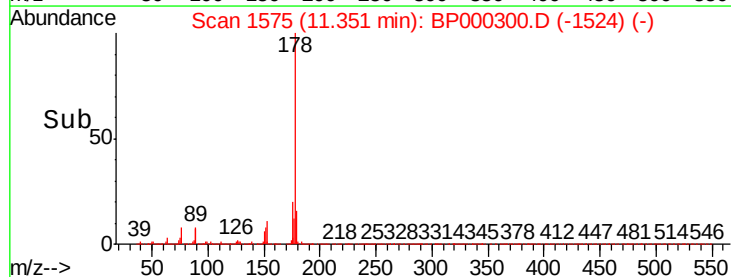
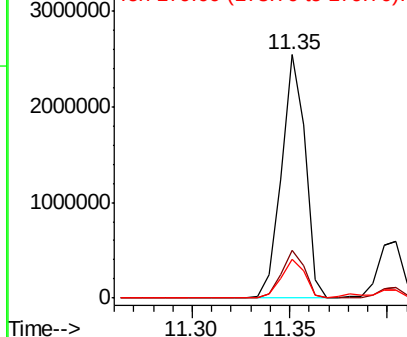


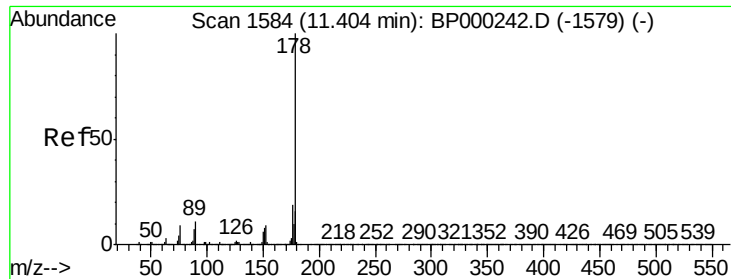
#71
Phenanthrene
Concen: 43.236 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BP000300.D
Acq: 18 Sep 2019 16:25

Tgt Ion:178 Resp: 2140720
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 16.1 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





#72

Anthracene

Concen: 10.315 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BP000300.D

Acq: 18 Sep 2019 16:25

Instrument :

BNA_P

ClientSampleId :

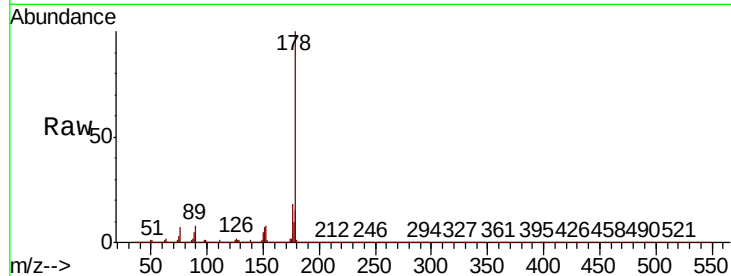
Tot Ion:178 Resp: 525701

Ion Ratio Lower Upper

178 100

176 18.1 15.4 23.0

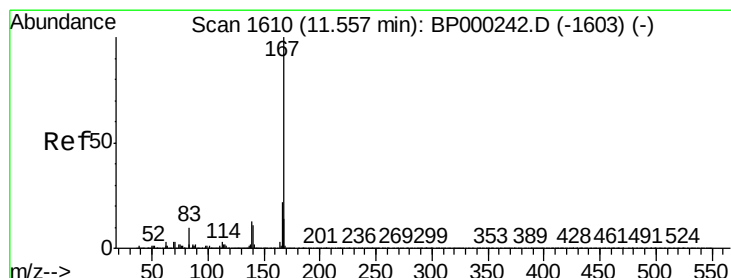
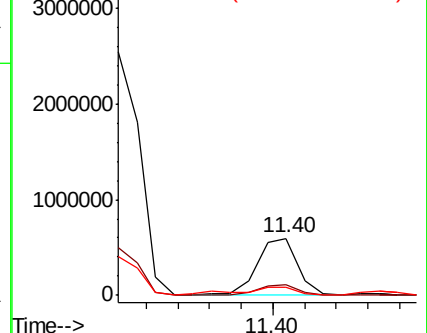
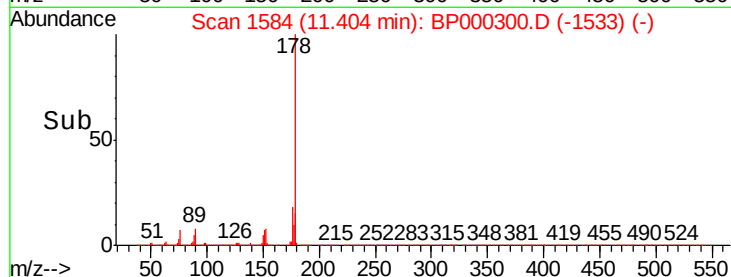
179 15.0 12.7 19.1



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



#73

Carbazole

Concen: 6.858 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BP000300.D

Acq: 18 Sep 2019 16:25

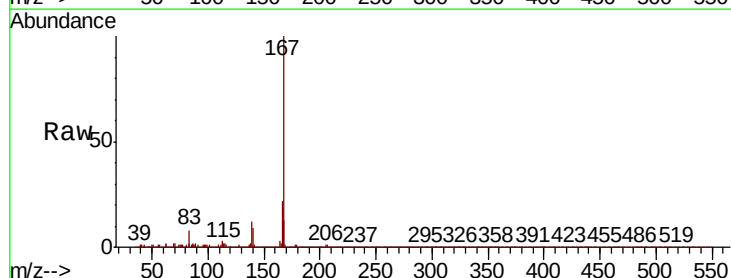
Tgt Ion:167 Resp: 314747

Ion Ratio Lower Upper

167 100

166 21.6 17.8 26.8

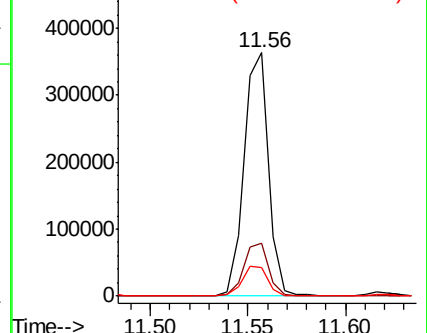
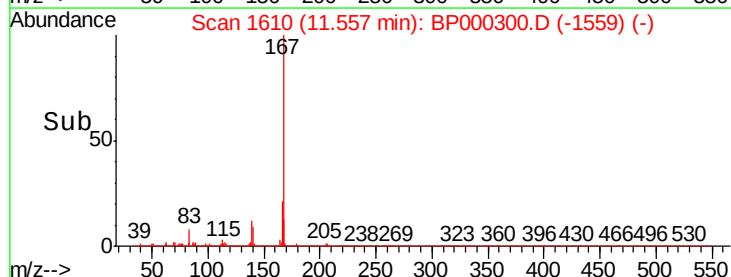
139 11.9 10.8 16.2

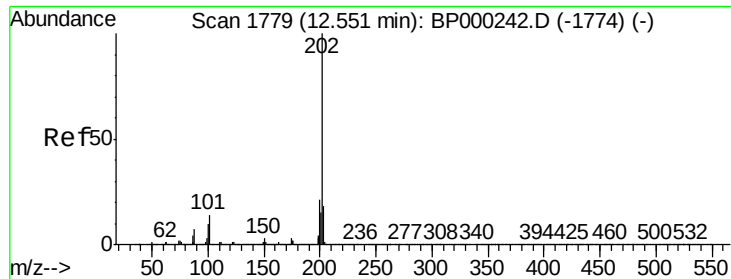


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#75

Fluoranthene

Concen: 58.968 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BP000300.D

Acq: 18 Sep 2019 16:25

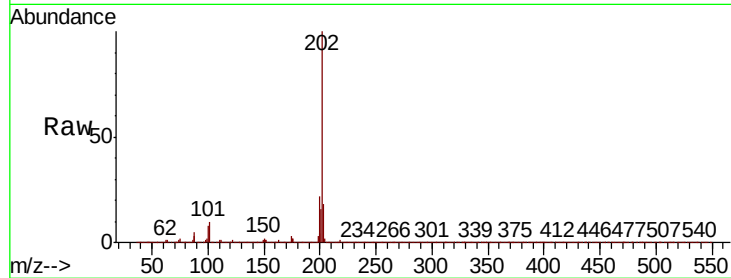
Instrument :

BNA_P

ClientSampleId :

Tot Ion:202 Resp: 3135106

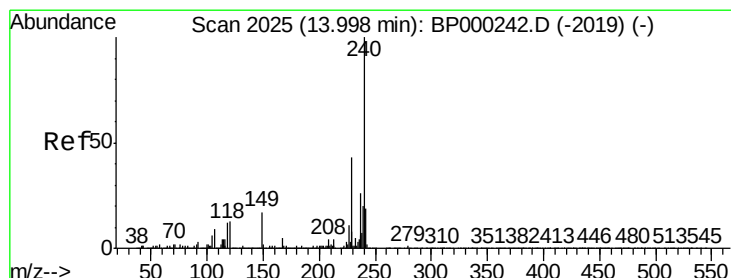
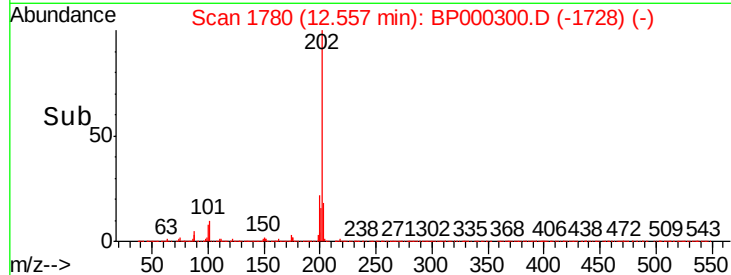
Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	33.9
203	18.1	0.0	38.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

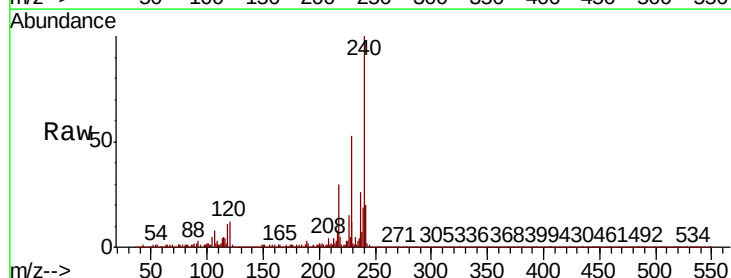
Delta R.T. -0.01 min

Lab File: BP000300.D

Acq: 18 Sep 2019 16:25

Tgt Ion:240 Resp: 779907

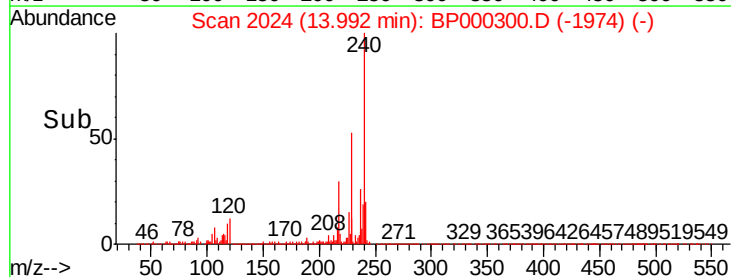
Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.4	15.6
236	25.8	21.0	31.6

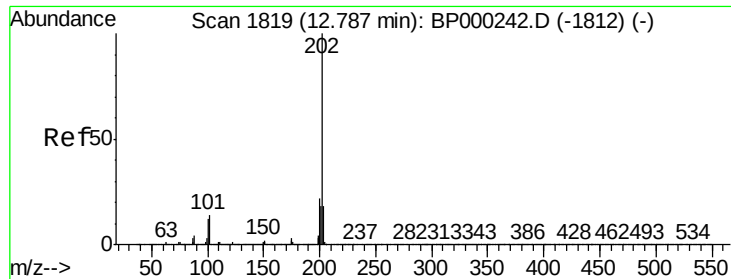


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 46.200 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BP000300.D

Acq: 18 Sep 2019 16:25

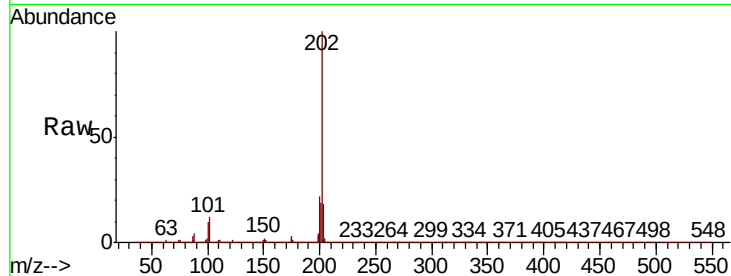
Instrument :

BNA_P

ClientSampleId :

Tot Ion:202 Resp: 2695767

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.5	26.3
203	18.1	14.3	21.5

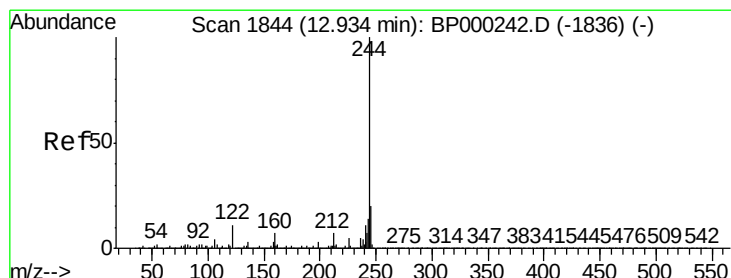
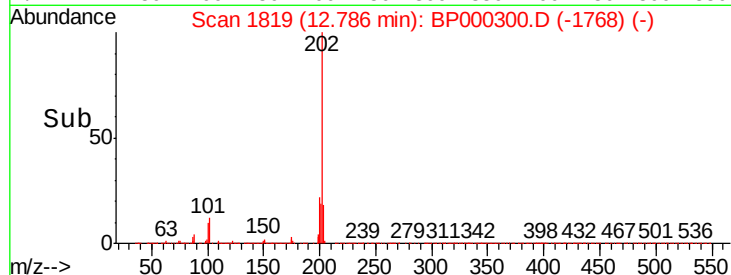
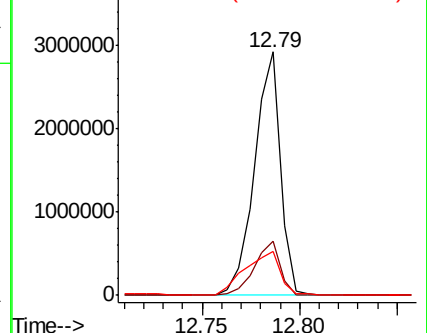


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 72.015 ng

RT: 12.93 min Scan# 1843

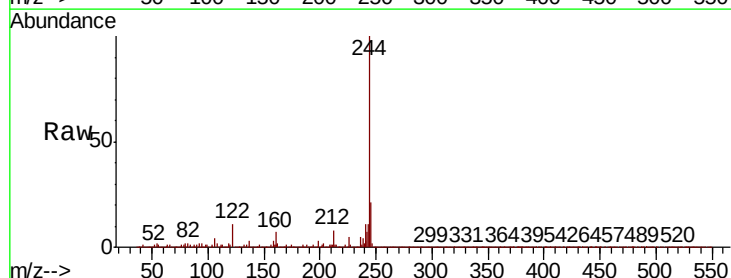
Delta R.T. -0.01 min

Lab File: BP000300.D

Acq: 18 Sep 2019 16:25

Tgt Ion:244 Resp: 2677279

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	10.9	9.0	13.4

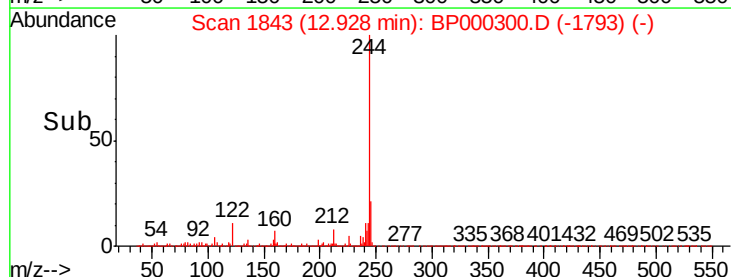
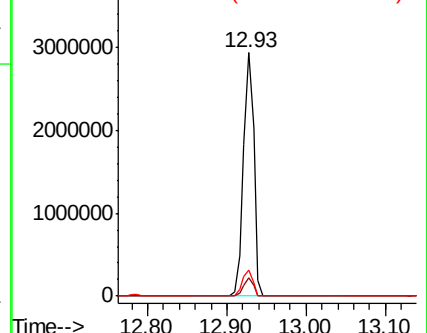


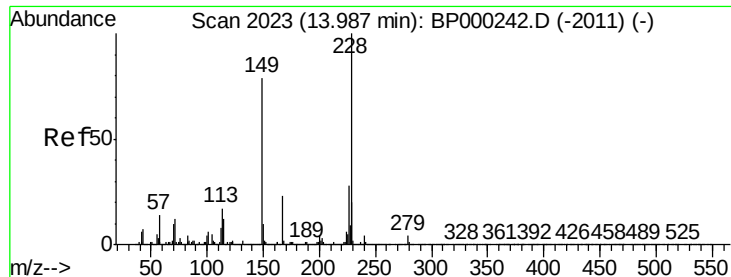
Abundance

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

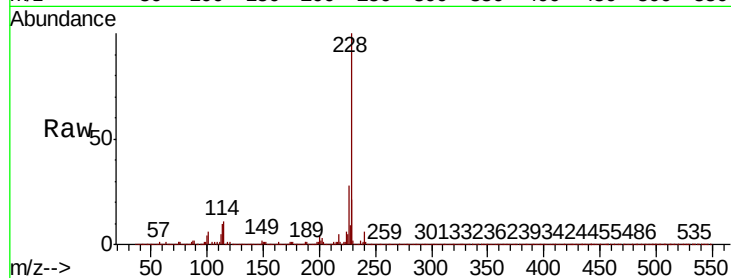




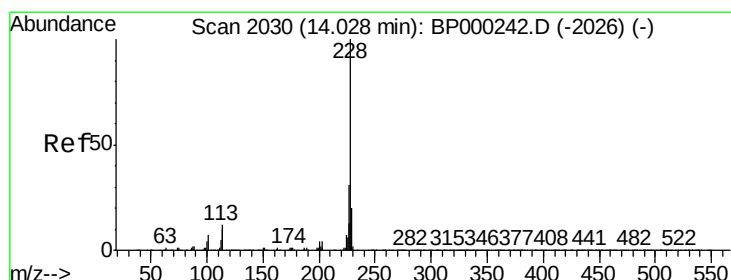
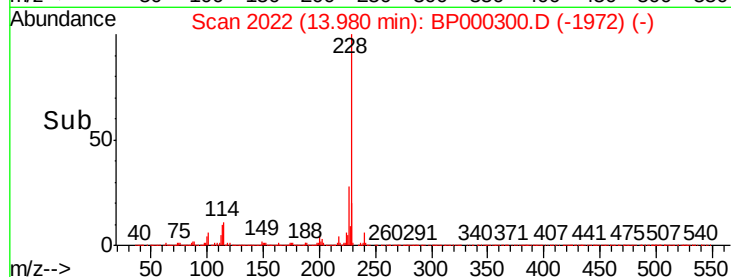
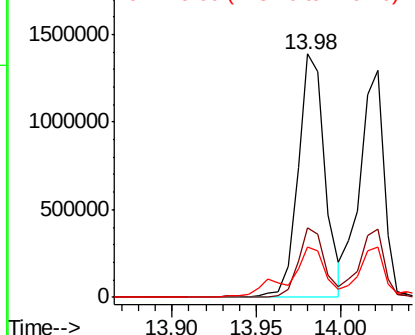
#81
Benzo(a)anthracene
Concen: 31.006 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BP000300.D
Acq: 18 Sep 2019 16:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion:228 Resp: 1527518
Ion Ratio Lower Upper
228 100
226 28.3 22.2 33.4
229 20.6 16.0 24.0

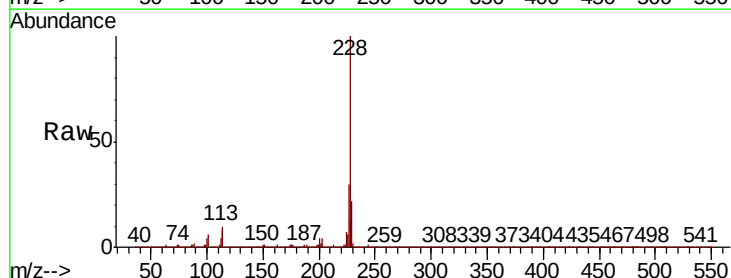


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

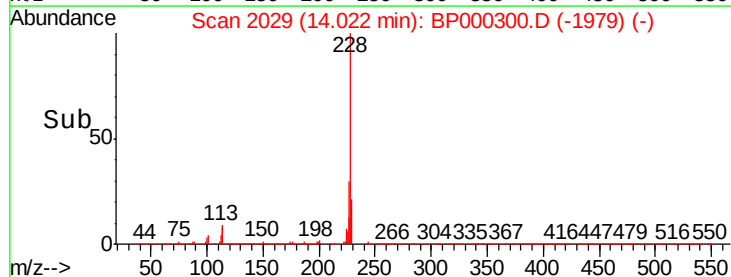
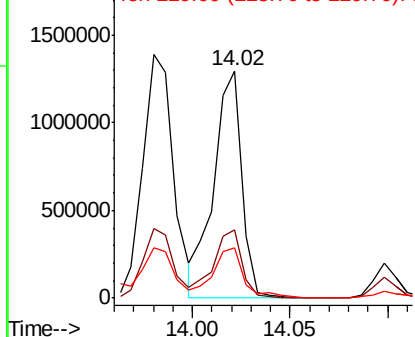


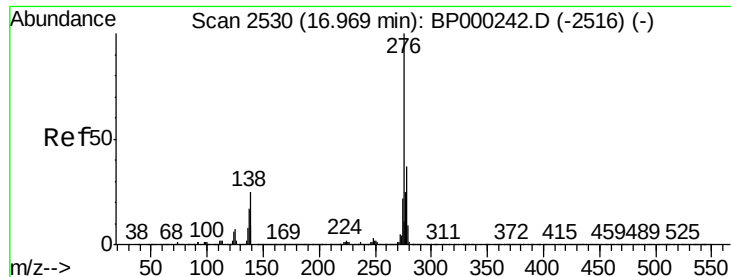
#83
Chrysene
Concen: 26.747 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BP000300.D
Acq: 18 Sep 2019 16:25

Tgt Ion:228 Resp: 1293765
Ion Ratio Lower Upper
228 100
226 30.1 24.9 37.3
229 22.1 16.2 24.2



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

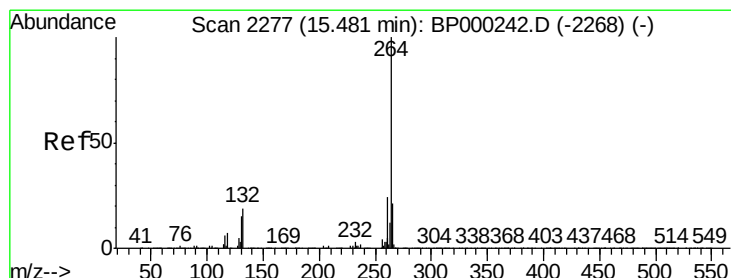
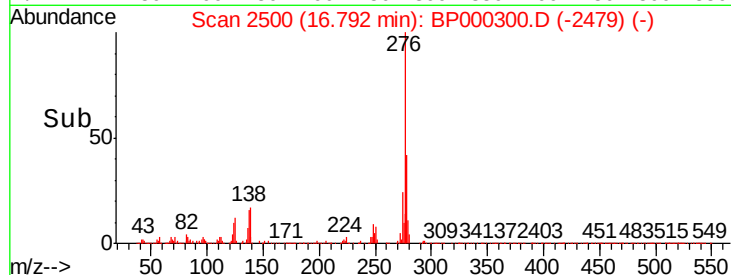
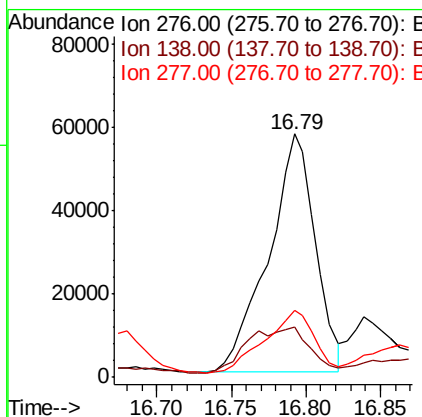
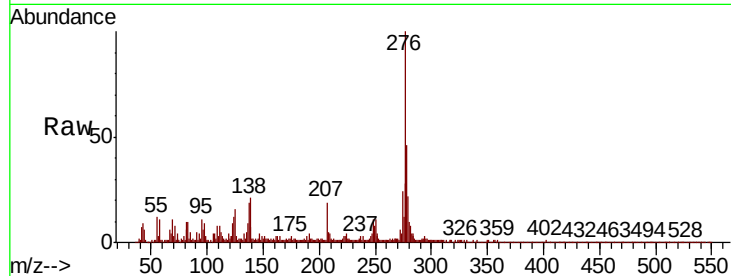




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.132 ng
 RT: 16.79 min Scan# 2500
 Delta R.T. -0.18 min
 Lab File: BP000300.D
 Acq: 18 Sep 2019 16:25

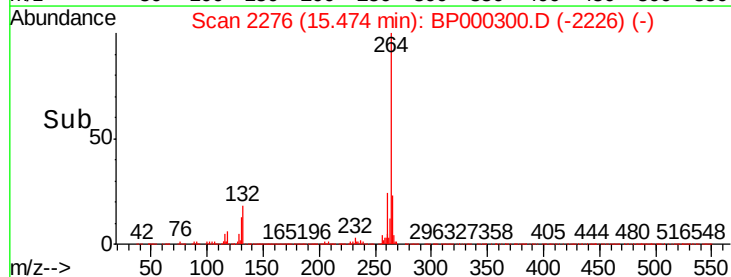
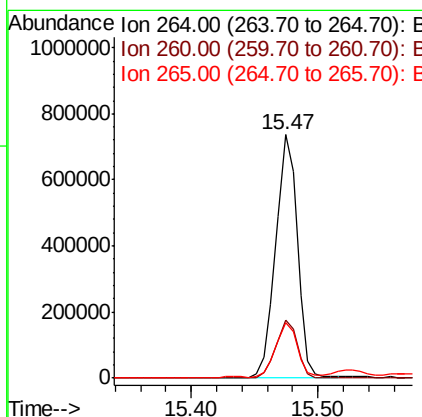
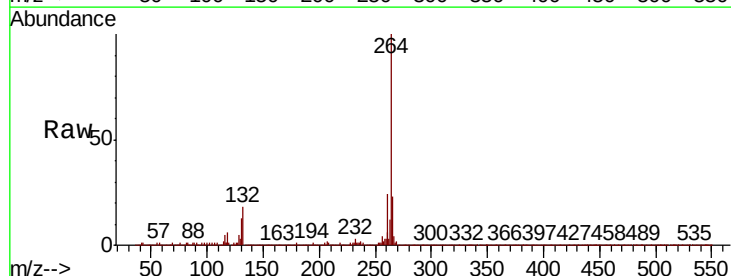
Instrument :
 BNA_P
 ClientSampleId :

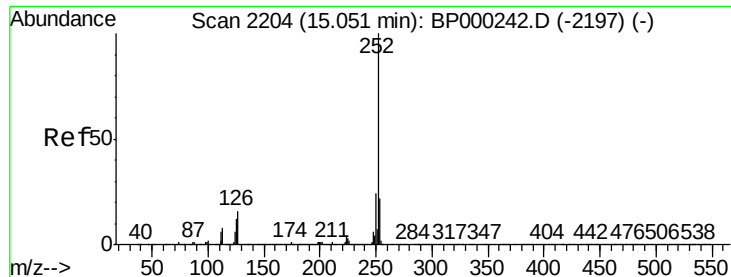
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	22.6	33.8
277	27.6	20.4	30.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BP000300.D
 Acq: 18 Sep 2019 16:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	22.6	17.2	25.8





#88

Benzo(b)fluoranthene

Concen: 40.490 ng

RT: 15.05 min Scan# 2203

Delta R.T. -0.01 min

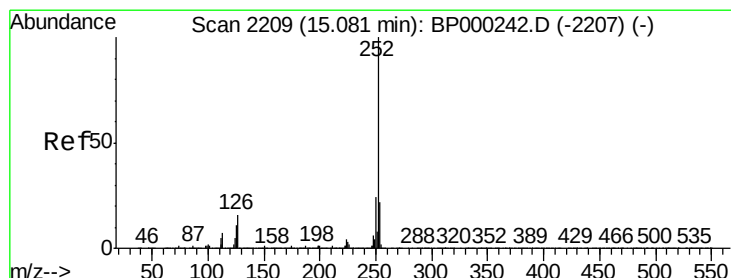
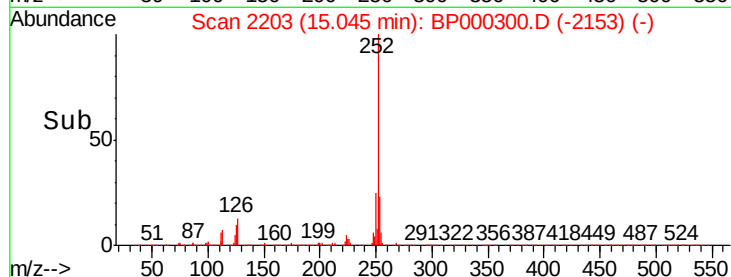
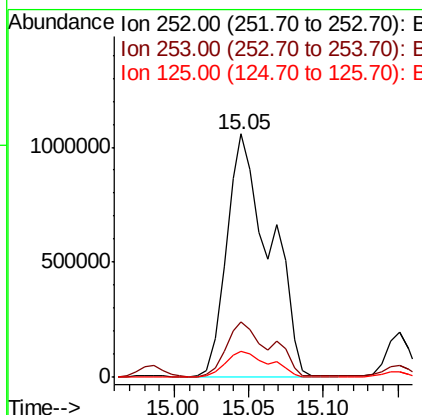
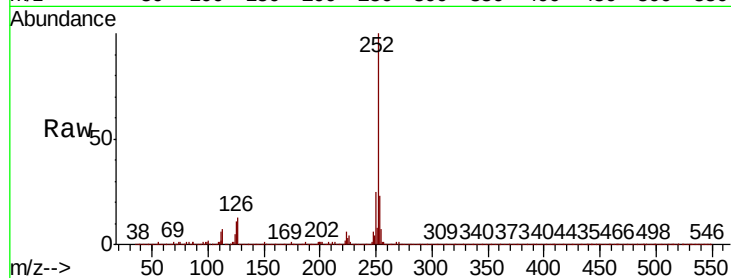
Lab File: BP000300.D

Acq: 18 Sep 2019 16:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion:252 Resp: 2119241

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	10.6	9.5	14.3



#89

Benzo(k)fluoranthene

Concen: 46.417 ng

RT: 15.05 min Scan# 2203

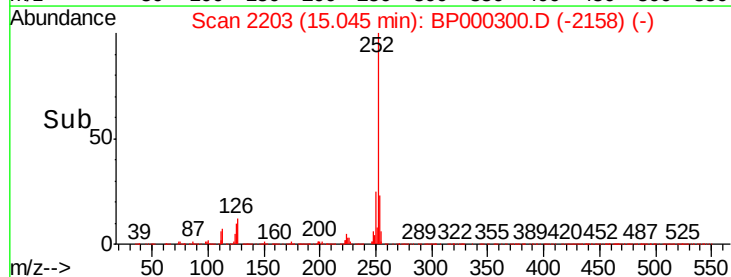
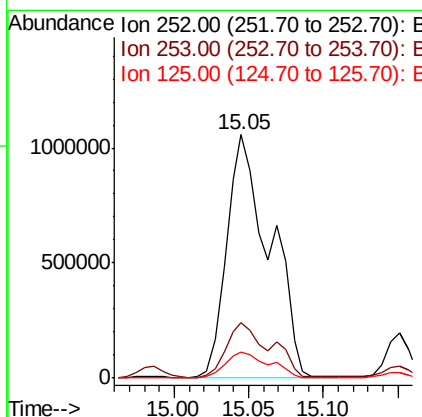
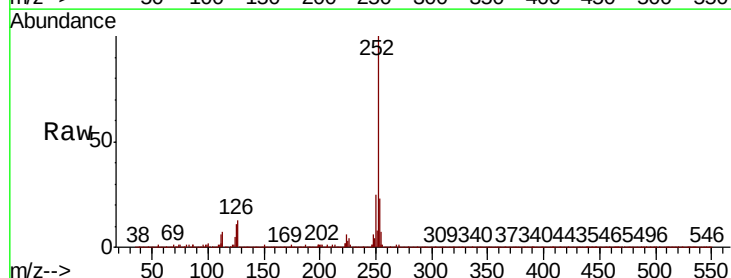
Delta R.T. -0.04 min

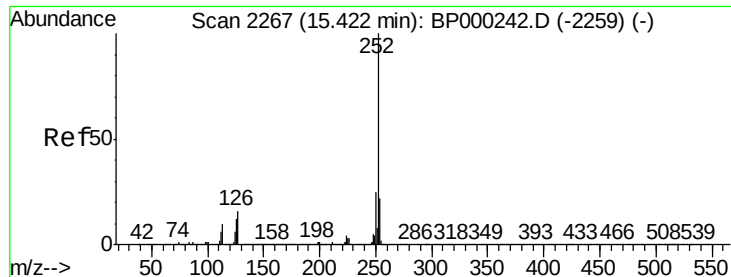
Lab File: BP000300.D

Acq: 18 Sep 2019 16:25

Tgt Ion:252 Resp: 2119241

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	10.6	9.6	14.4





#90

Benzo(a)pyrene

Concen: 22.993 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.01 min

Lab File: BP000300.D

Acq: 18 Sep 2019 16:25

Instrument :

BNA_P

ClientSampleId :

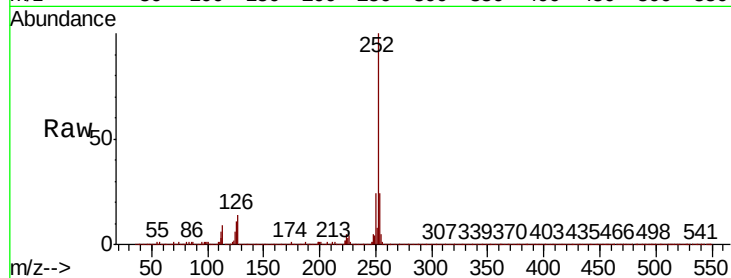
Tot Ion:252 Resp: 1095048

Ion Ratio Lower Upper

252 100

253 23.7 17.7 26.5

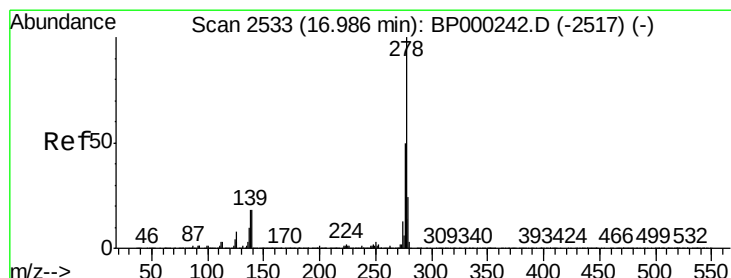
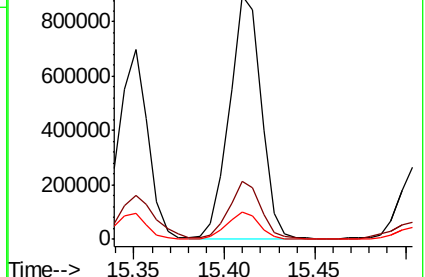
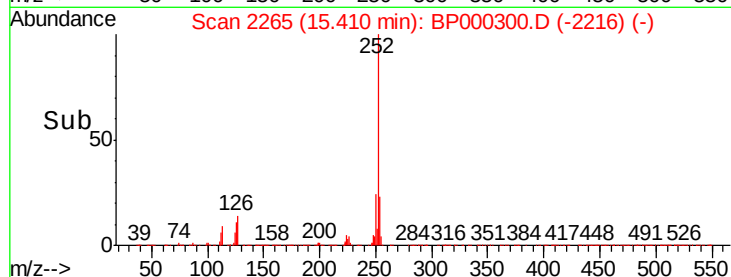
125 11.4 10.0 15.0



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



#91

Dibenzo(a,h)anthracene

Concen: 4.646 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.02 min

Lab File: BP000300.D

Acq: 18 Sep 2019 16:25

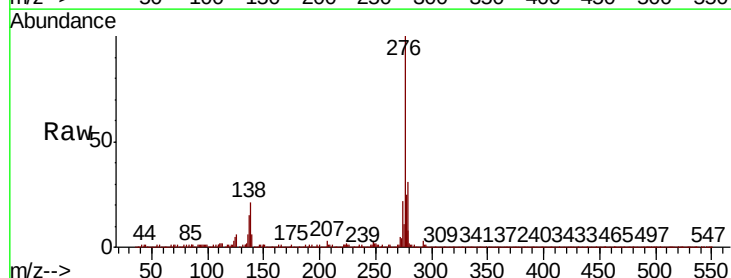
Tgt Ion:278 Resp: 206275

Ion Ratio Lower Upper

278 100

139 18.7 14.5 21.7

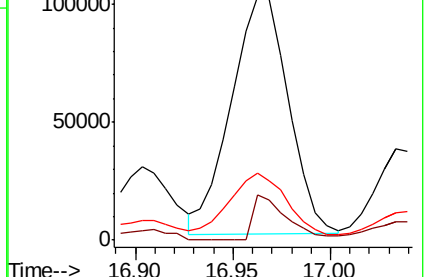
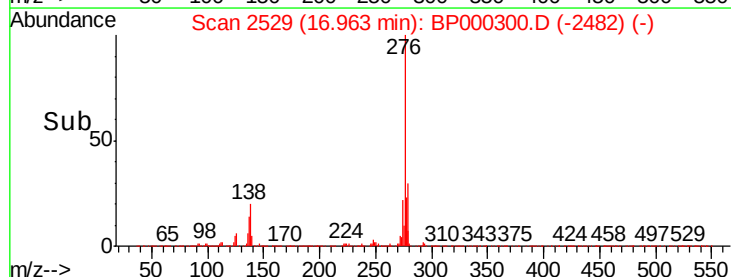
279 27.7 19.0 28.6

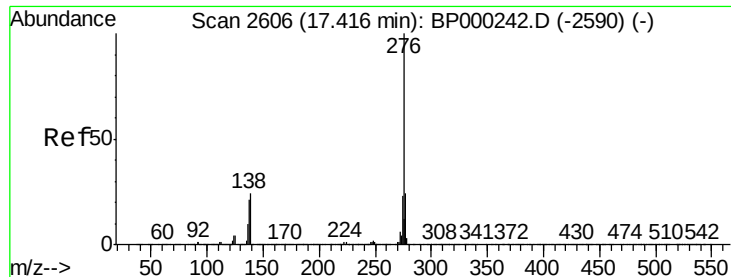


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 15.107 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BP000300.D

Acq: 18 Sep 2019 16:25

Instrument :

BNA_P

ClientSampleId :

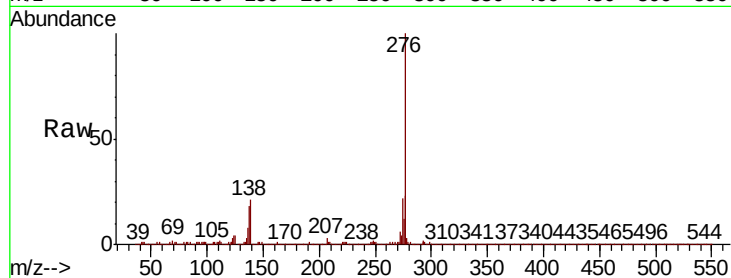
Tot Ion:276 Resp: 689495

Ion Ratio Lower Upper

276 100

277 23.4 19.1 28.7

138 20.5 19.5 29.3



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

