

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001191.D
 Acq On : 04 Dec 2019 10:36
 Operator : JU
 Sample : K6027-09DL 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-12DL

Quant Time: Dec 04 11:11:37 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

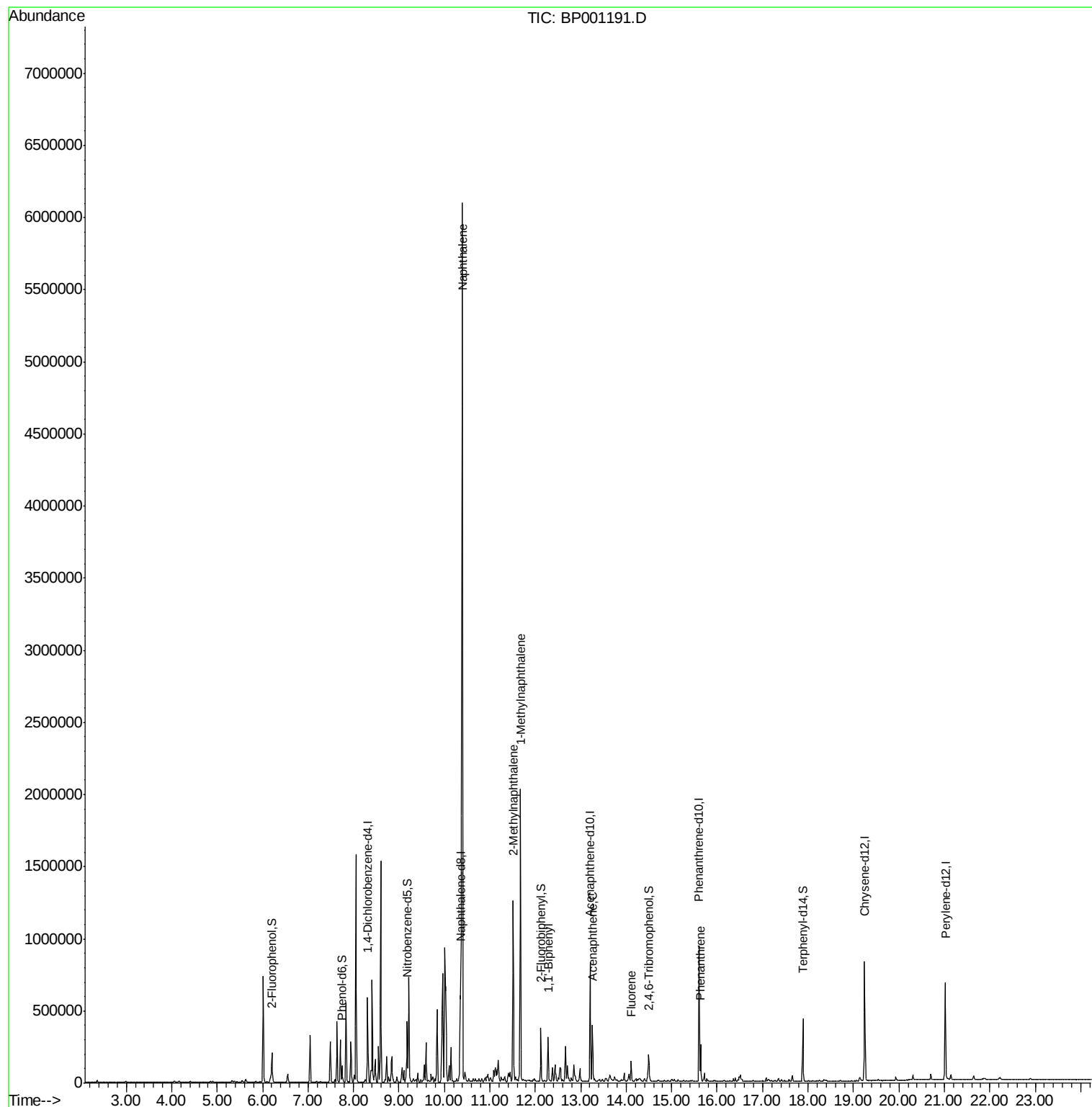
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	100769	20.00	ng	-0.02
21) Naphthalene-d8	10.35	136	373643	20.00	ng	-0.01
39) Acenaphthene-d10	13.21	164	209340	20.00	ng	-0.02
64) Phenanthrene-d10	15.60	188	405489	20.00	ng	-0.02
76) Chrysene-d12	19.25	240	319413	20.00	ng	-0.03
87) Perylene-d12	21.02	264	334303	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	51024	8.40	ng	-0.02
7) Phenol-d6	7.75	99	42945	5.31	ng	-0.02
23) Nitrobenzene-d5	9.19	82	73573	8.54	ng	-0.02
42) 2,4,6-Tribromophenol	14.50	330	26609	13.26	ng	-0.02
45) 2-Fluorobiphenyl	12.12	172	131561	9.20	ng	-0.03
79) Terphenyl-d14	17.89	244	162619	9.42	ng	-0.03
Target Compounds						
31) Naphthalene	10.39	128	3744624	196.230	ng	99
37) 2-Methylnaphthalene	11.51	142	401881	30.863	ng	97
38) 1-Methylnaphthalene	11.67	142	646427	52.553	ng	99
46) 1,1'-Biphenyl	12.28	154	112409	6.948	ng	98
52) Acenaphthene	13.26	154	108090	9.276	ng	99
58) Fluorene	14.10	166	47904	3.414	ng	96
71) Phenanthrene	15.64	178	112031	5.255	ng	98

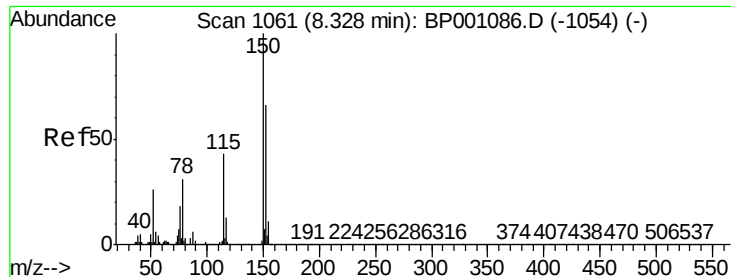
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BP001191.D

Acq: 04 Dec 2019 10:36

Instrument :

BNA_P

ClientSampleId :

MW-12DL

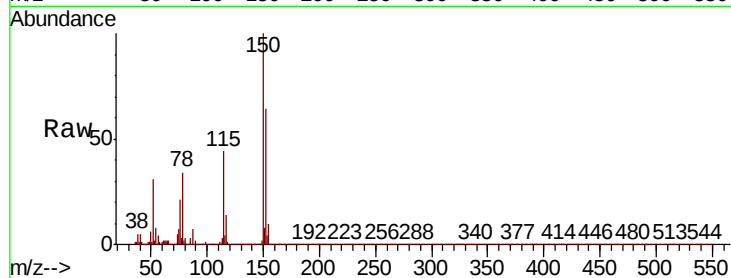
Tot Ion:152 Resp: 100769

Ion Ratio Lower Upper

152 100

150 155.3 120.6 181.0

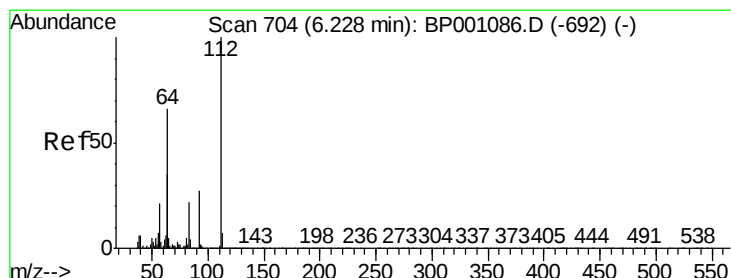
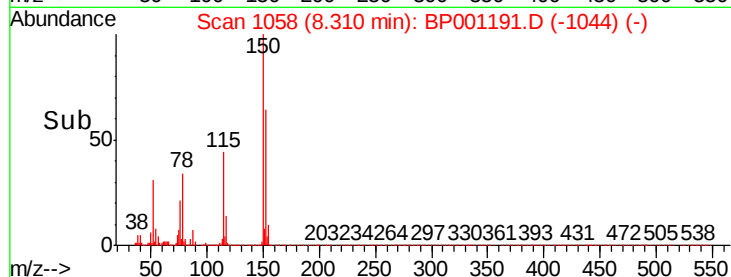
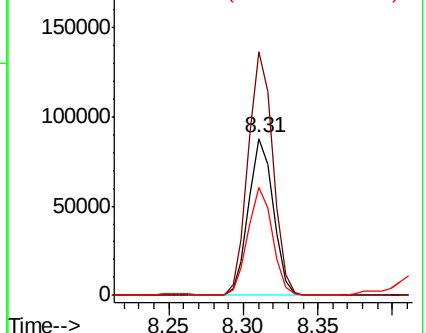
115 68.9 51.6 77.4



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: 8.401 ng

RT: 6.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BP001191.D

Acq: 04 Dec 2019 10:36

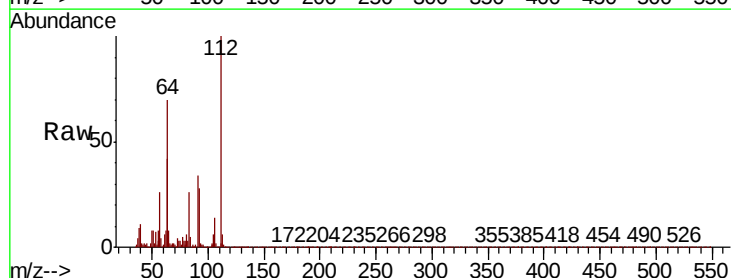
Tgt Ion:112 Resp: 51024

Ion Ratio Lower Upper

112 100

64 69.6 52.8 79.2

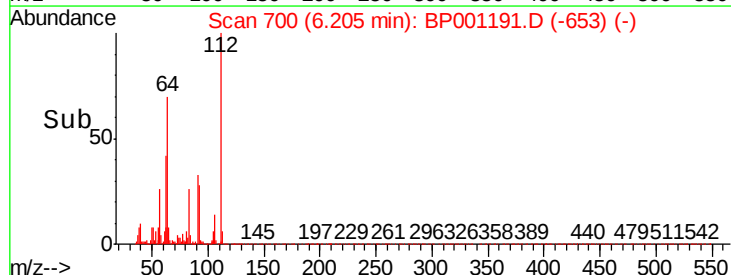
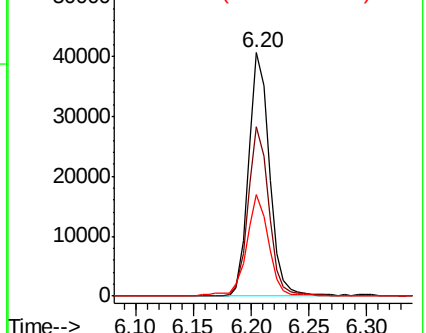
63 41.6 28.2 42.2



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: 5.307 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.02 min

Lab File: BP001191.D

Acq: 04 Dec 2019 10:36

Instrument :

BNA_P

ClientSampleId :

MW-12DL

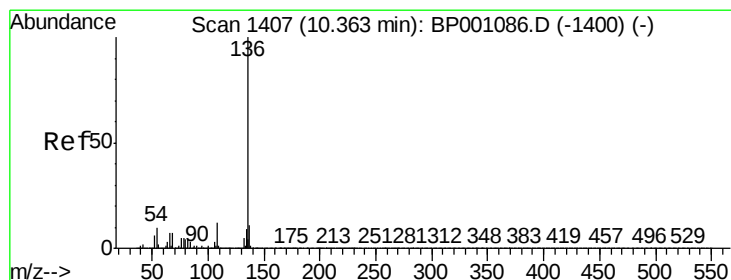
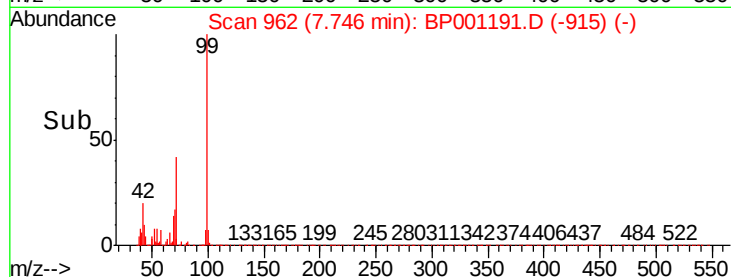
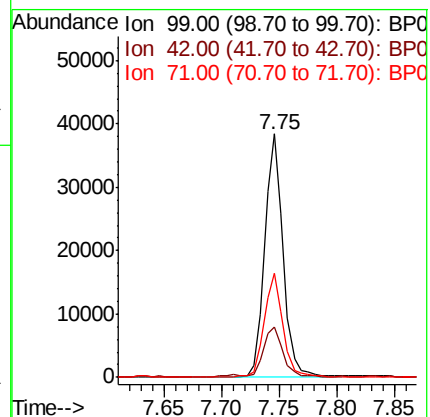
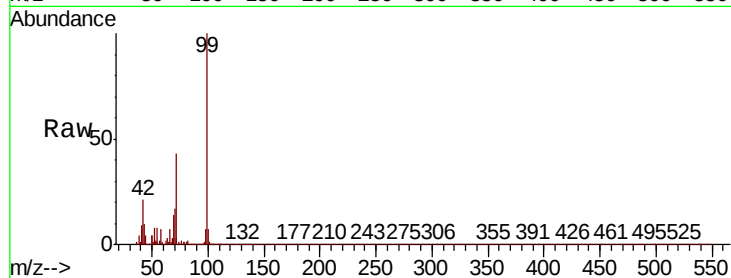
Tot Ion: 99 Resp: 42945

Ion Ratio Lower Upper

99 100

42 20.8 15.4 23.0

71 42.6 30.8 46.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BP001191.D

Acq: 04 Dec 2019 10:36

Tgt Ion: 136 Resp: 373643

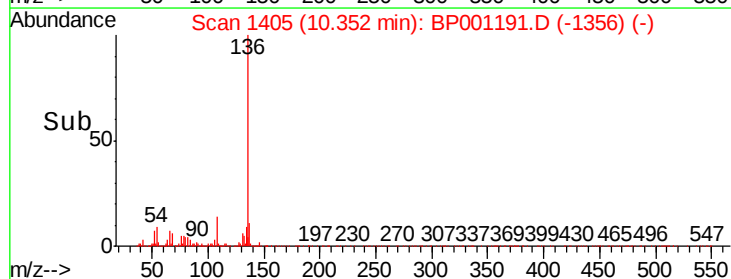
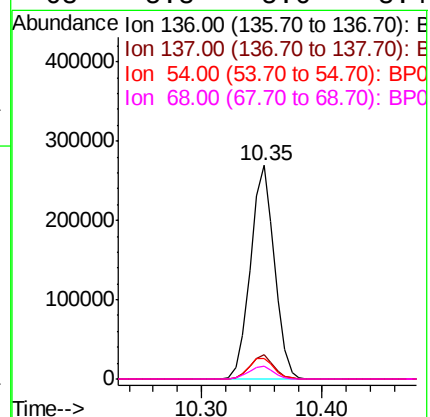
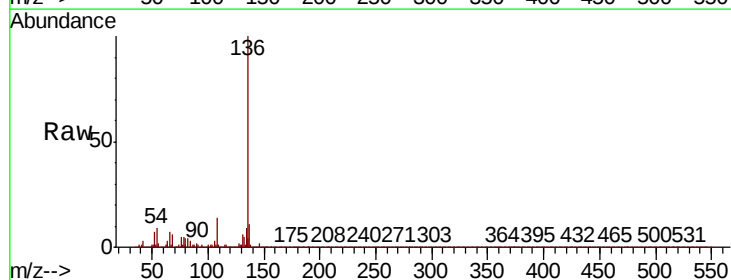
Ion Ratio Lower Upper

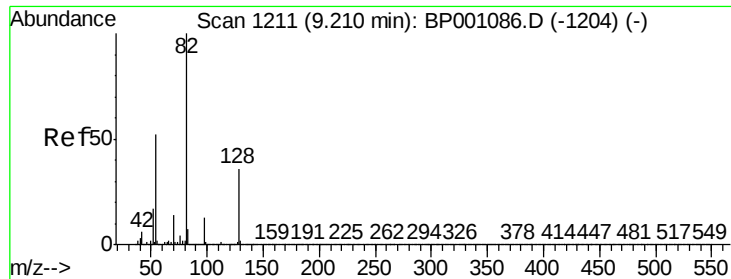
136 100

137 11.3 8.8 13.2

54 9.4 7.9 11.9

68 5.8 5.6 8.4

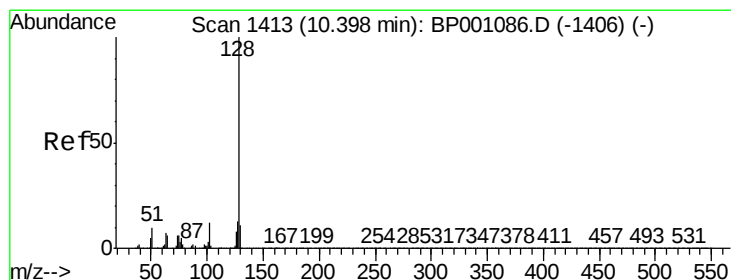
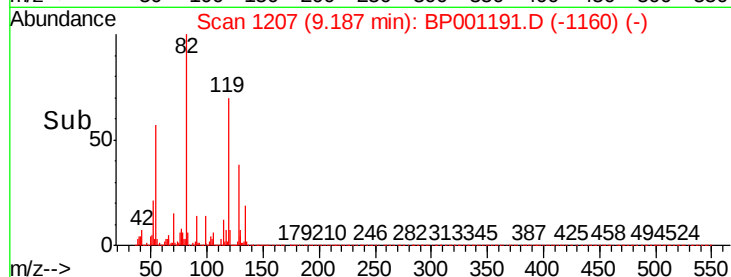
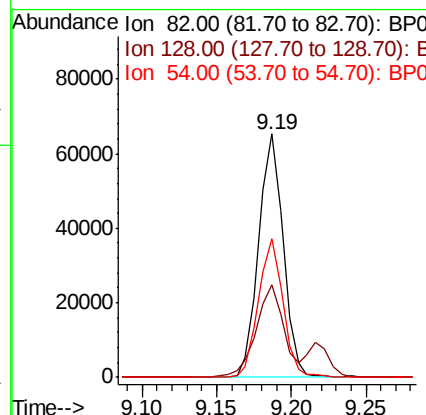
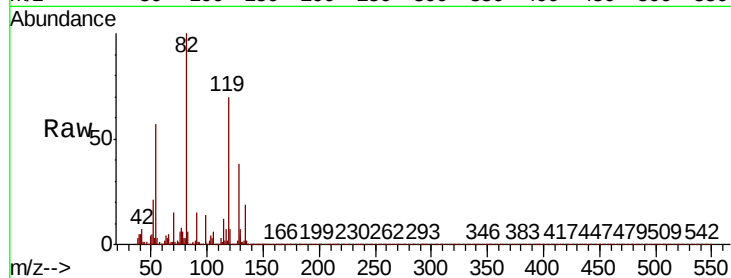




#23
Nitrobenzene-d5
Concen: 8.543 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BP001191.D
Acq: 04 Dec 2019 10:36

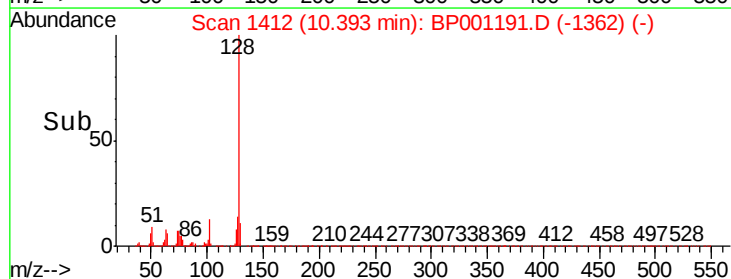
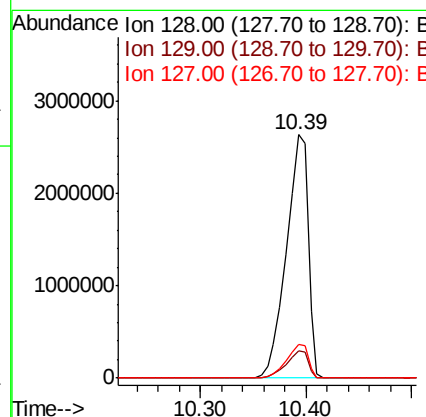
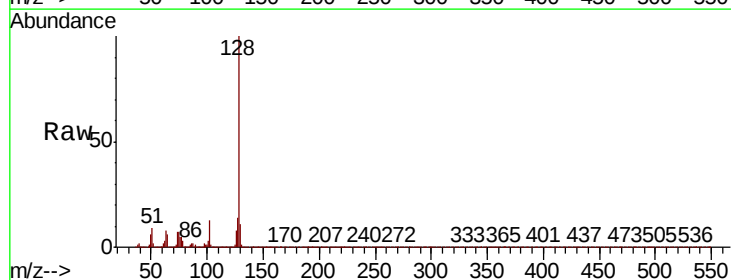
Instrument :
BNA_P
ClientSampleId :
MW-12DL

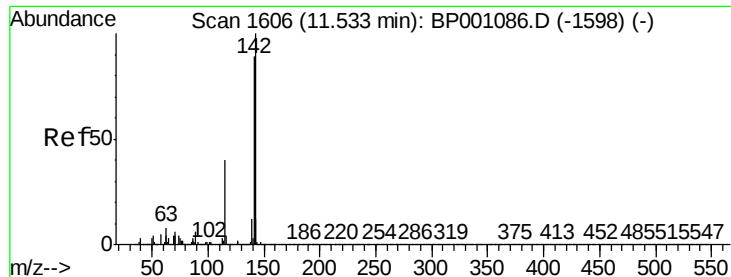
Tot Ion: 82 Resp: 73573
Ion Ratio Lower Upper
82 100
128 38.2 28.9 43.3
54 56.7 41.9 62.9



#31
Naphthalene
Concen: 196.230 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001191.D
Acq: 04 Dec 2019 10:36

Tgt Ion: 128 Resp: 3744624
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.9 10.6 16.0

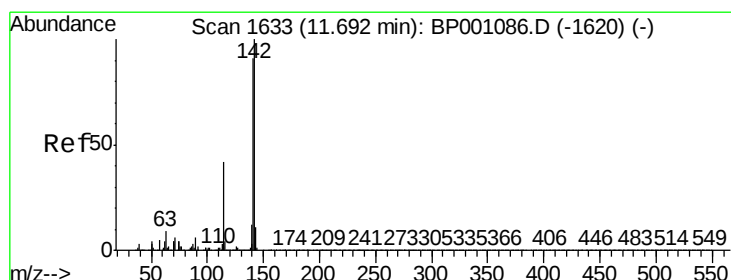
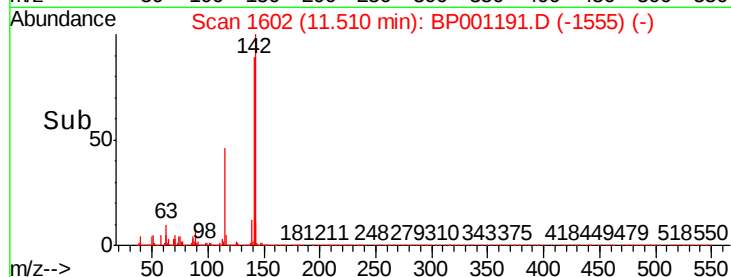
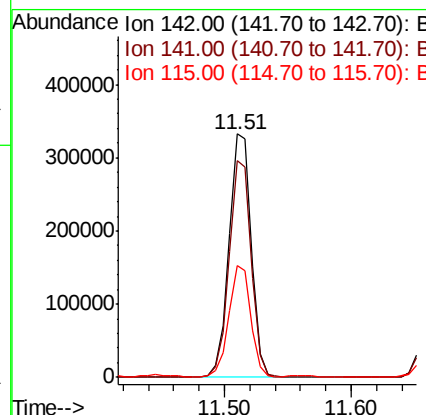
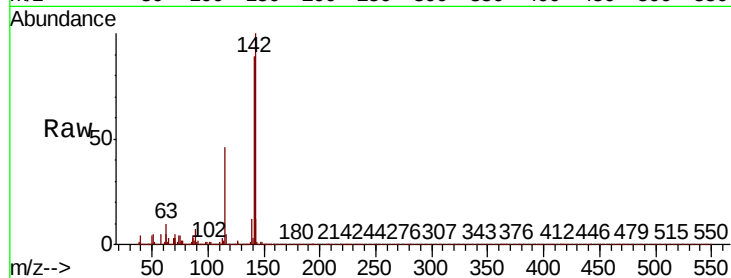




#37
2-Methylnaphthalene
Concen: 30.863 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.02 min
Lab File: BP001191.D
Acq: 04 Dec 2019 10:36

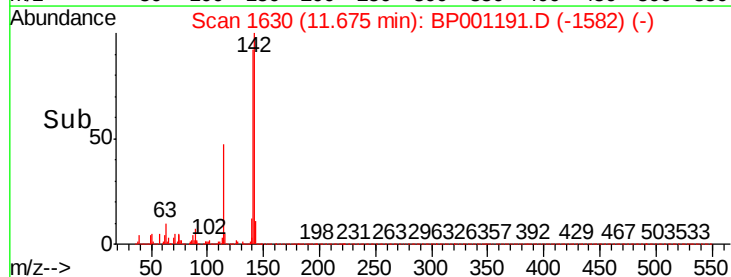
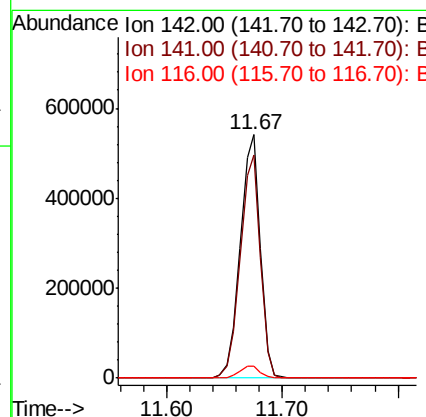
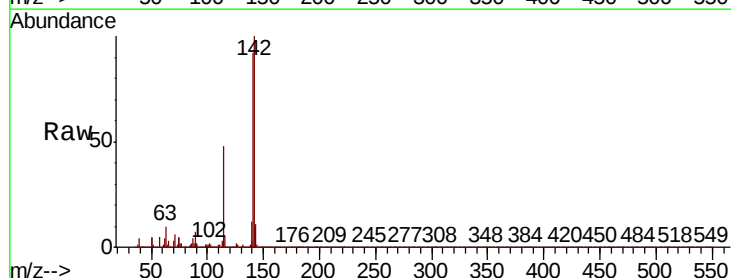
Instrument :
BNA_P
ClientSampleId :
MW-12DL

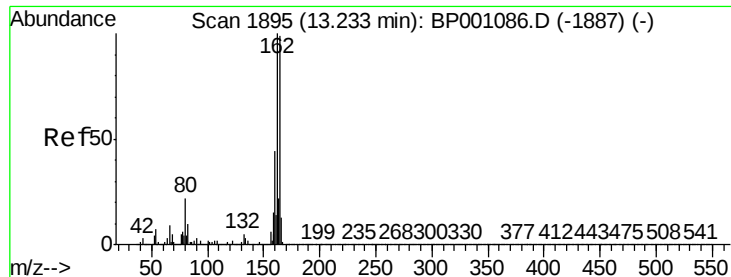
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.1	106.7
115	45.8	32.3	48.5



#38
1-Methylnaphthalene
Concen: 52.553 ng
RT: 11.67 min Scan# 1630
Delta R.T. -0.02 min
Lab File: BP001191.D
Acq: 04 Dec 2019 10:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.0	109.4
116	5.0	3.4	5.2

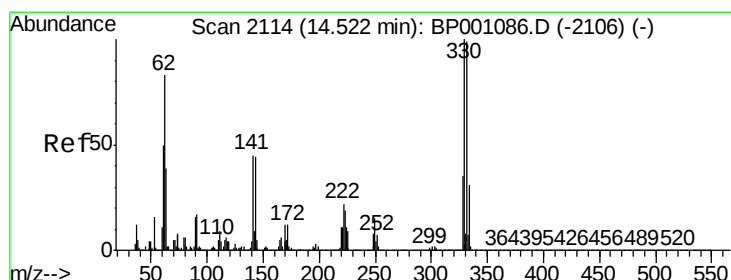
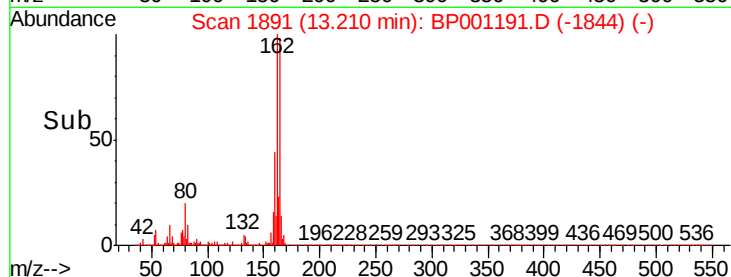
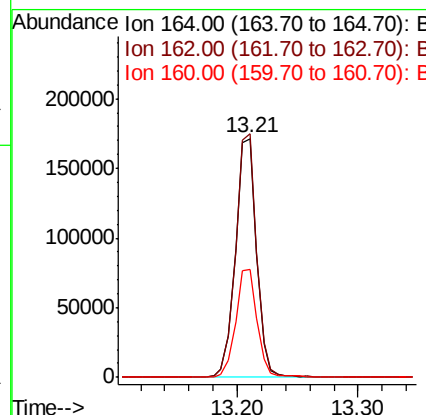
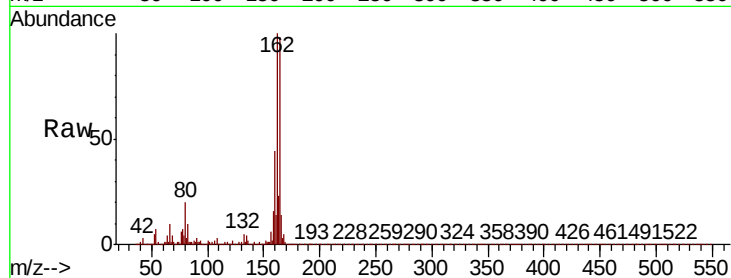




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.02 min
Lab File: BP001191.D
Acq: 04 Dec 2019 10:36

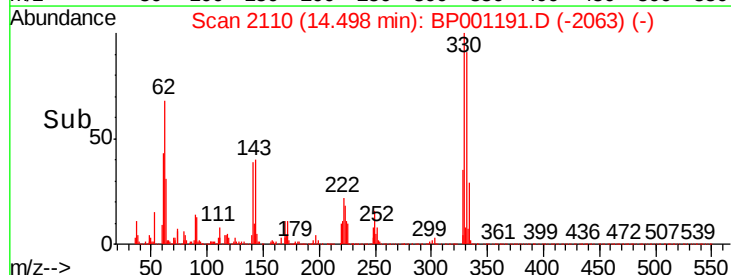
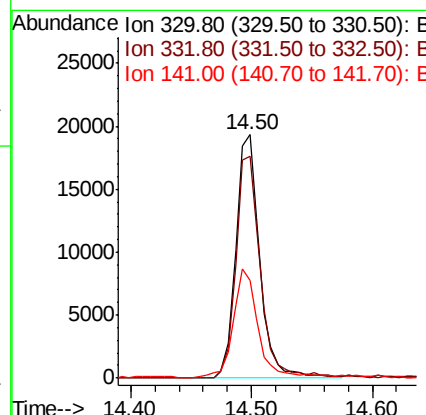
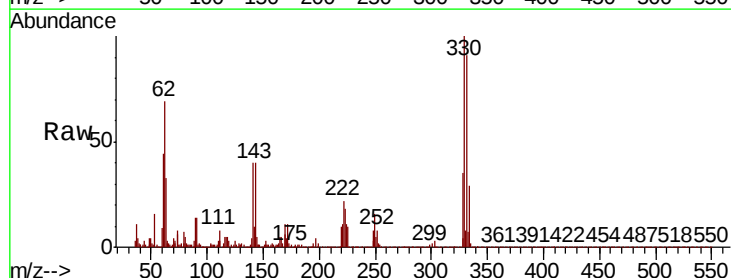
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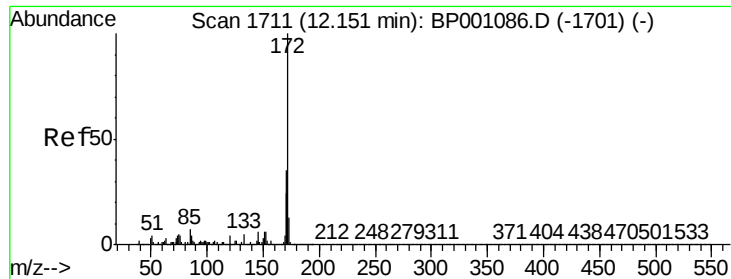
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.6	120.8
160	45.3	35.4	53.2



#42
2,4,6-Tribromophenol
Concen: 13.261 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.02 min
Lab File: BP001191.D
Acq: 04 Dec 2019 10:36

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.6	77.6	116.4
141	46.1	34.2	51.2

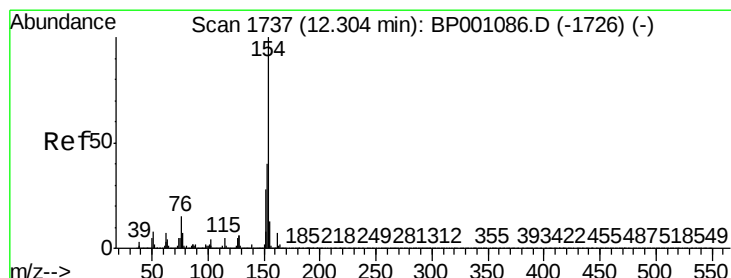
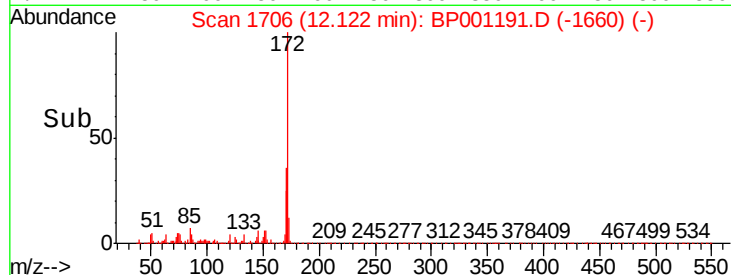
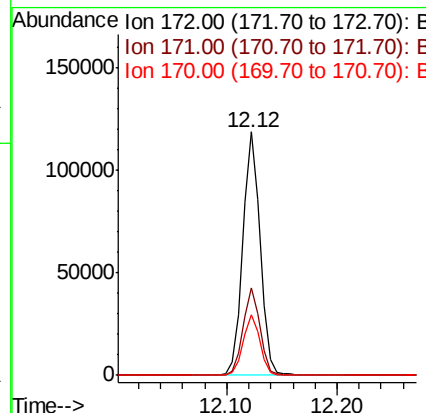
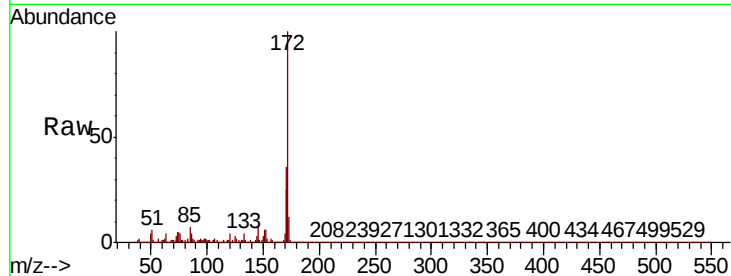




#45
2-Fluorobiphenyl
Concen: 9.198 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.03 min
Lab File: BP001191.D
Acq: 04 Dec 2019 10:36

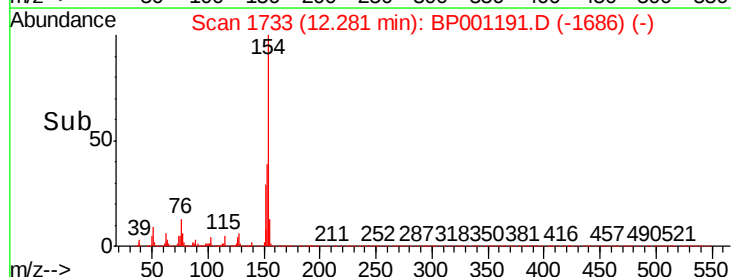
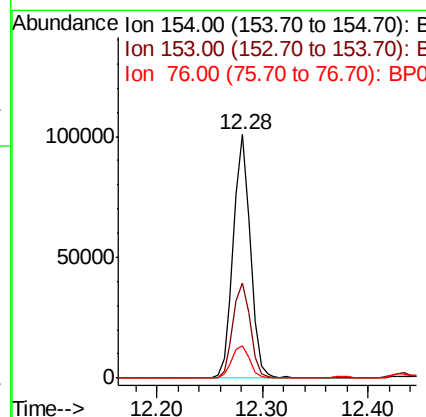
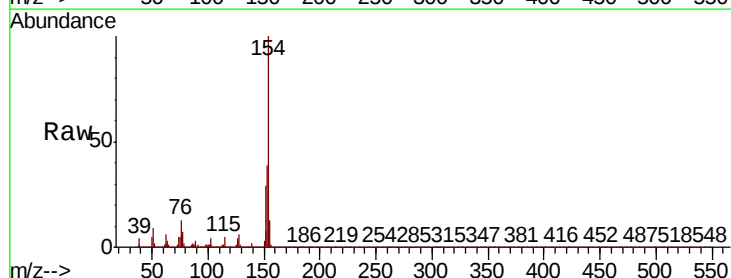
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BNA_P
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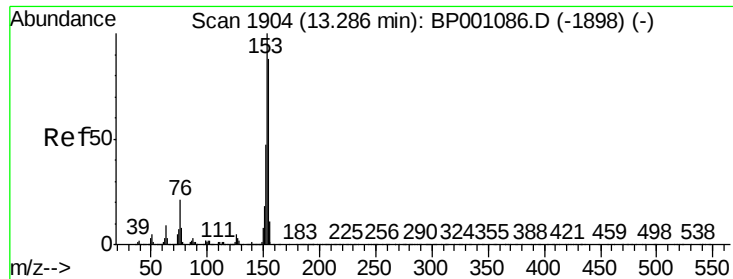
Tot Ion:172 Resp: 131561
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 24.6 19.0 28.4



#46
1,1'-Biphenyl
Concen: 6.948 ng
RT: 12.28 min Scan# 1733
Delta R.T. -0.02 min
Lab File: BP001191.D
Acq: 04 Dec 2019 10:36

Tgt Ion:154 Resp: 112409
Ion Ratio Lower Upper
154 100
153 39.3 20.2 60.2
76 13.4 0.0 34.5





#52

Acenaphthene

Concen: 9.276 ng

RT: 13.26 min Scan# 1899

Delta R.T. -0.03 min

Lab File: BP001191.D

Acq: 04 Dec 2019 10:36

Instrument :

BNA_P

ClientSampled :

MW-12DL

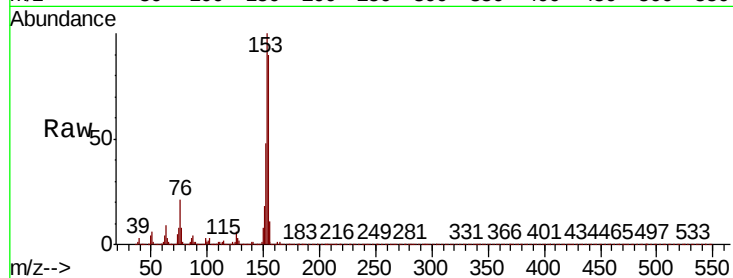
Tot Ion:154 Resp: 108090

Ion Ratio Lower Upper

154 100

153 111.2 90.5 135.7

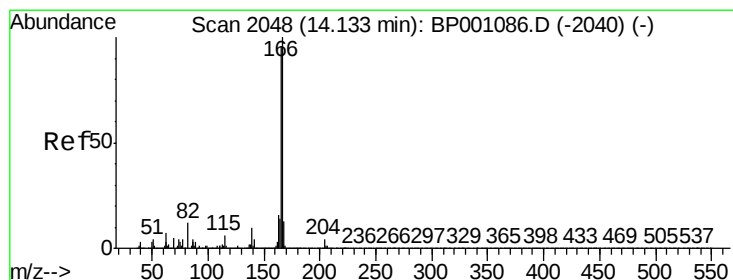
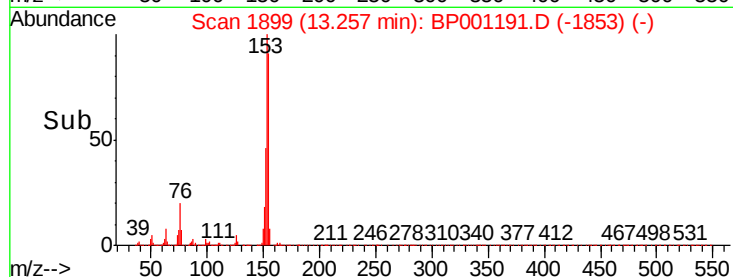
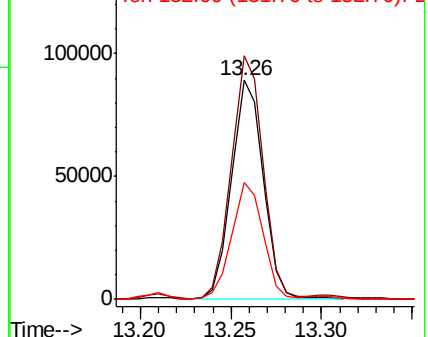
152 53.3 42.6 64.0



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



#58

Fluorene

Concen: 3.414 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.03 min

Lab File: BP001191.D

Acq: 04 Dec 2019 10:36

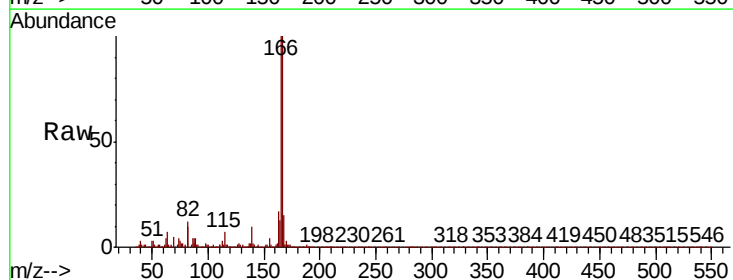
Tgt Ion:166 Resp: 47904

Ion Ratio Lower Upper

166 100

165 99.8 76.7 115.1

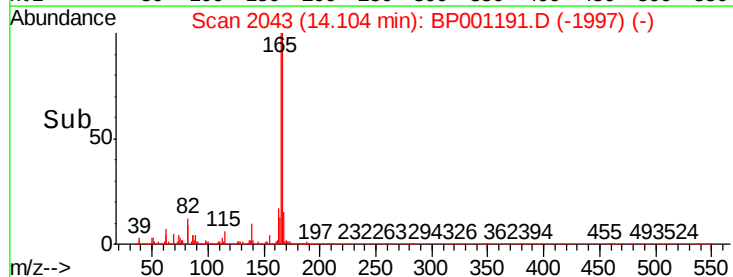
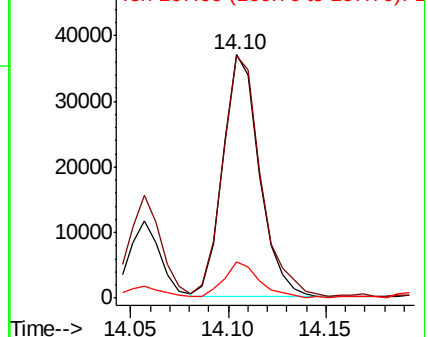
167 15.1 10.5 15.7

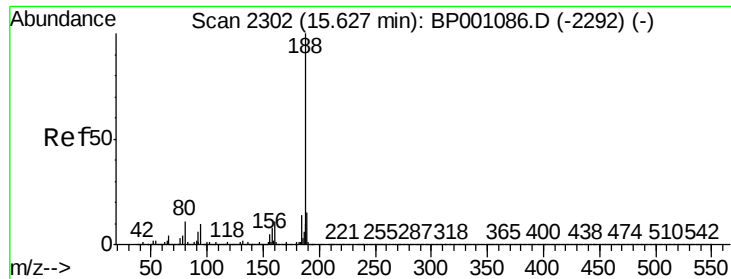


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BP001191.D

Acq: 04 Dec 2019 10:36

Instrument :

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MW-12DL

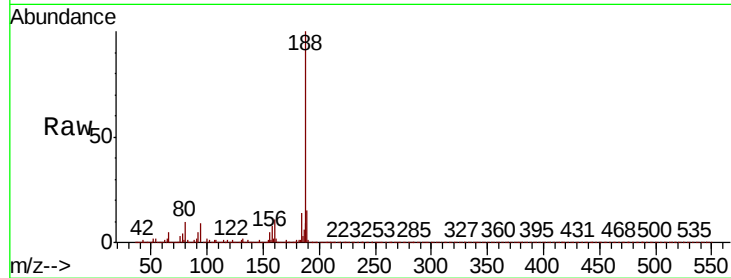
Tot Ion:188 Resp: 405489

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

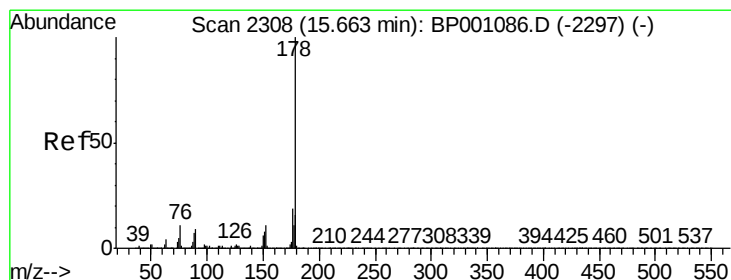
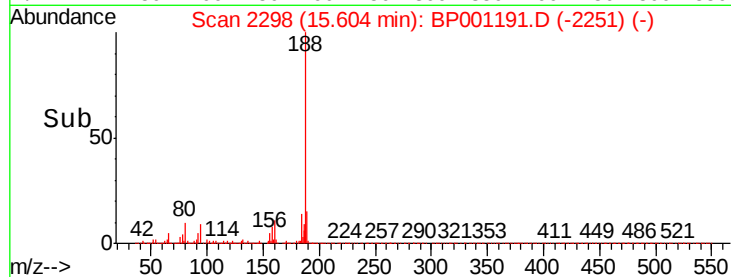
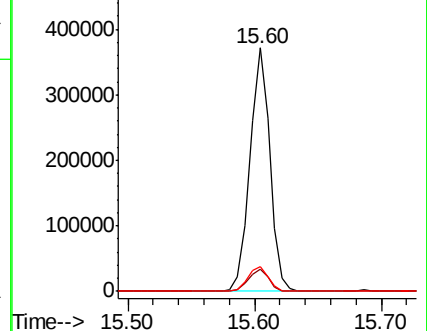
80 10.3 8.8 13.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#71

Phenanthrene

Concen: 5.255 ng

RT: 15.64 min Scan# 2304

Delta R.T. -0.02 min

Lab File: BP001191.D

Acq: 04 Dec 2019 10:36

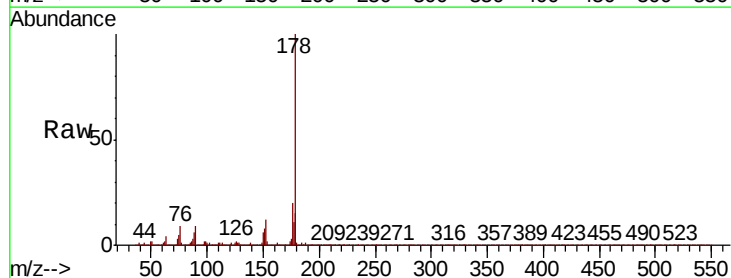
Tgt Ion:178 Resp: 112031

Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.2

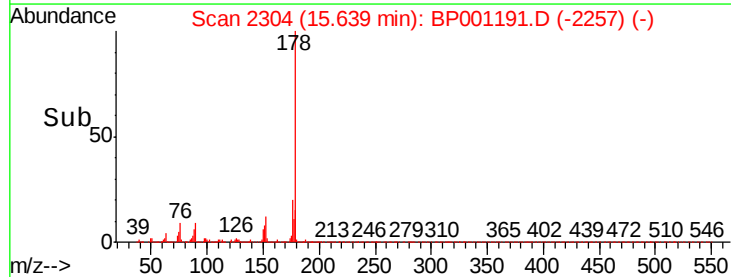
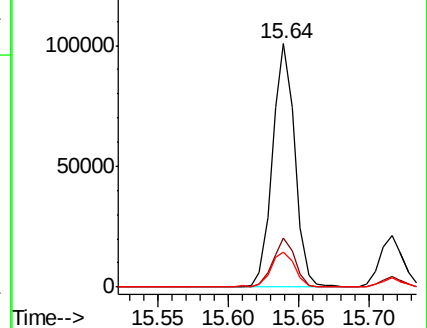
179 14.6 12.5 18.7

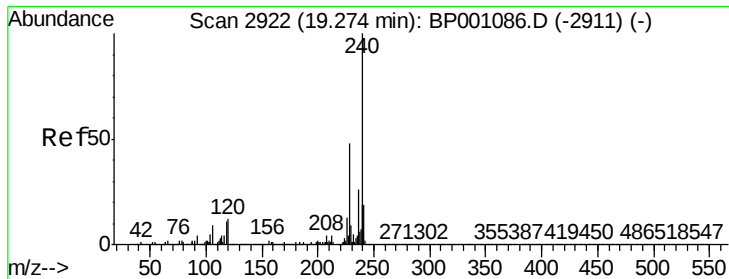


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

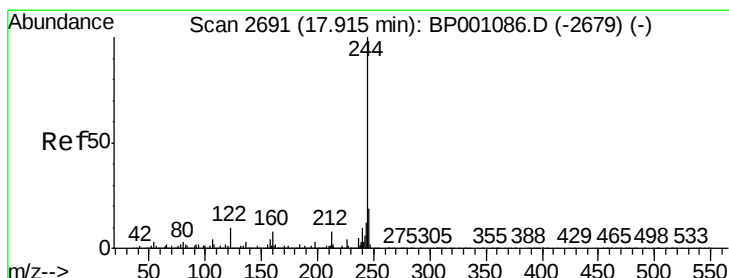
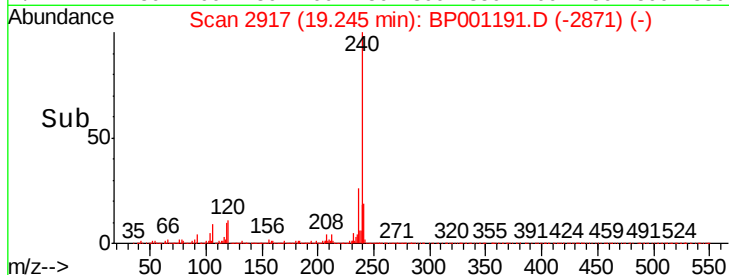
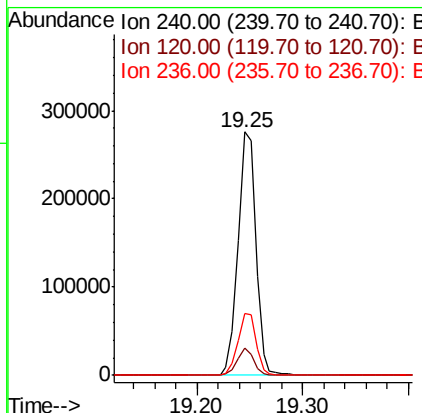
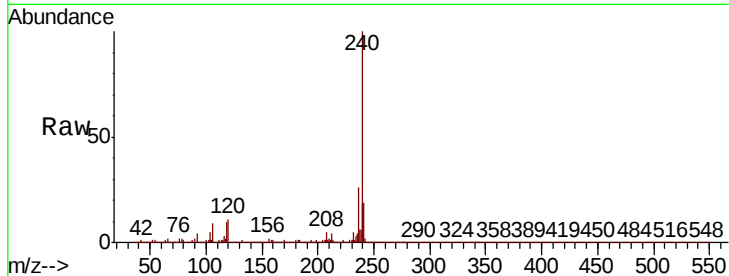




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2917
Delta R.T. -0.03 min
Lab File: BP001191.D
Acq: 04 Dec 2019 10:36

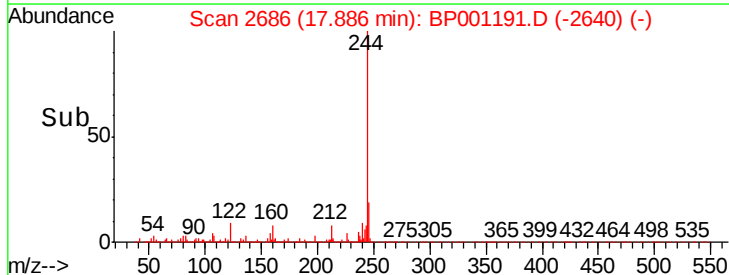
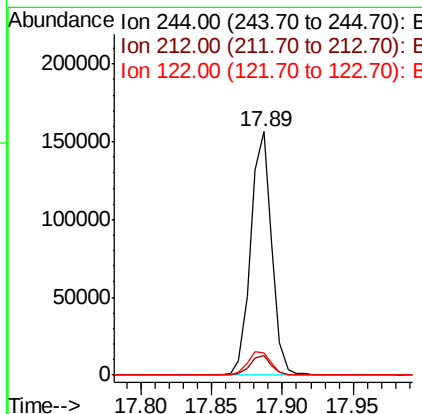
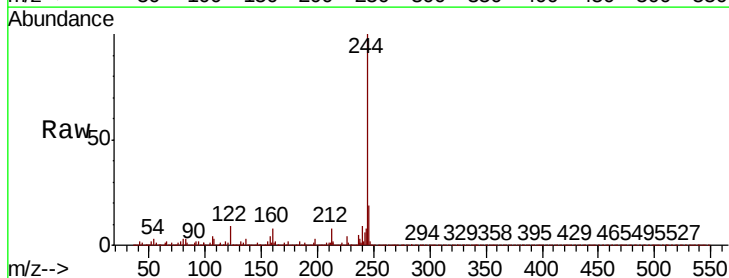
Instrument :
BNA_P
ClientSampleId :
MW-12DL

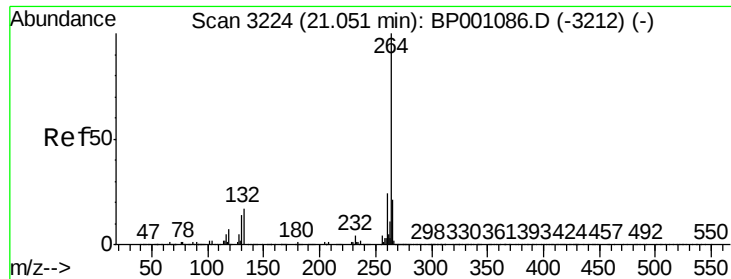
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	25.6	20.4	30.6



#79
Terphenyl-d14
Concen: 9.419 ng
RT: 17.89 min Scan# 2686
Delta R.T. -0.03 min
Lab File: BP001191.D
Acq: 04 Dec 2019 10:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	9.1	8.2	12.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3219
Delta R.T. -0.03 min
Lab File: BP001191.D
Acq: 04 Dec 2019 10:36

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tot Ion: 264 Resp: 334303

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.8	28.2
265	21.4	16.9	25.3

