

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
 Data File : BP001411.D
 Acq On : 25 Dec 2019 07:18
 Operator : JU
 Sample : K6372-17DL 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-12DL

Quant Time: Dec 25 08:26:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

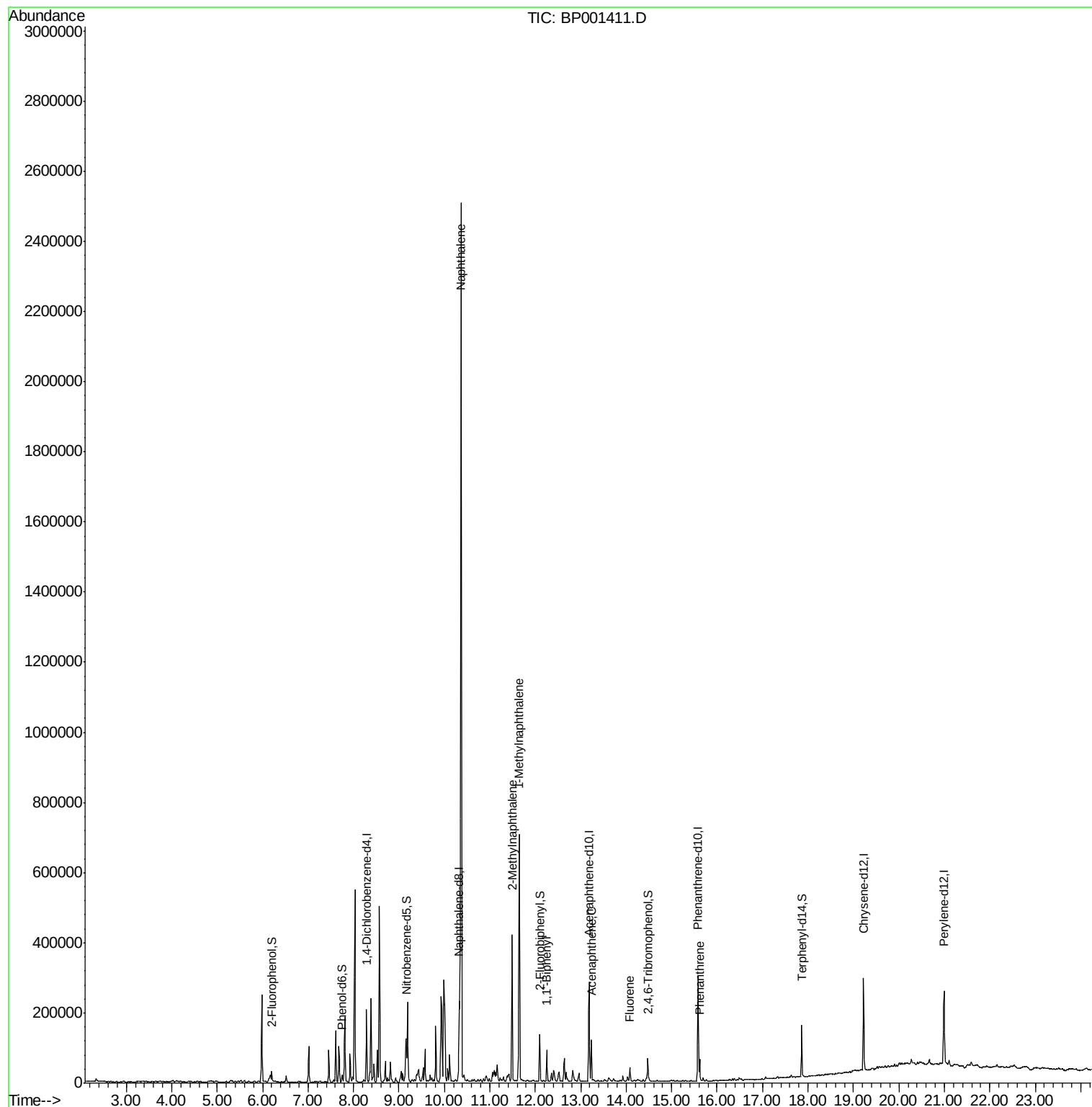
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	36626	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	128726	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	71757	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	132988	20.00	ng	0.00
76) Chrysene-d12	19.22	240	104111	20.00	ng	0.00
87) Perylene-d12	20.99	264	108179	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	10003	4.41	ng	0.00
7) Phenol-d6	7.75	99	8501	2.87	ng	0.00
23) Nitrobenzene-d5	9.16	82	26589	7.93	ng	-0.01
42) 2,4,6-Tribromophenol	14.47	330	9760	10.88	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	50867	8.96	ng	0.00
79) Terphenyl-d14	17.86	244	57371	9.44	ng	0.00
Target Compounds						
31) Naphthalene	10.37	128	1421984	202.368	ng	99
37) 2-Methylnaphthalene	11.49	142	125244	25.818	ng	98
38) 1-Methylnaphthalene	11.65	142	212948	46.692	ng	98
46) 1,1'-Biphenyl	12.25	154	35502	5.912	ng	96
52) Acenaphthene	13.23	154	30558	7.147	ng	96
58) Fluorene	14.08	166	14282	2.665	ng	93
71) Phenanthrene	15.62	178	28783	3.794	ng	98

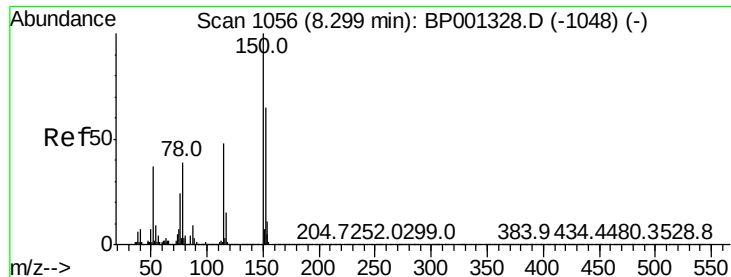
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 24 16:04:49 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.29 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BP001411.D

Acq: 25 Dec 2019 07:18

Instrument :

BNA_P

ClientSampleId :

MW-12DL

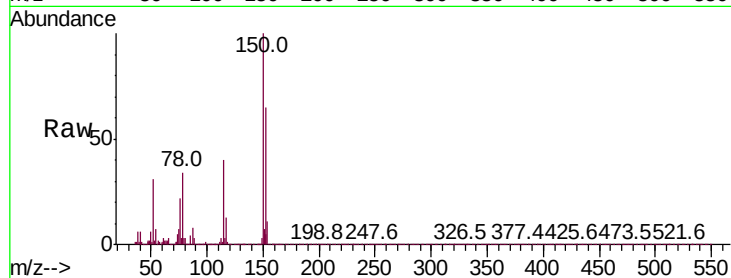
Tot Ion:152 Resp: 36626

Ion Ratio Lower Upper

152 100

150 154.7 127.0 190.6

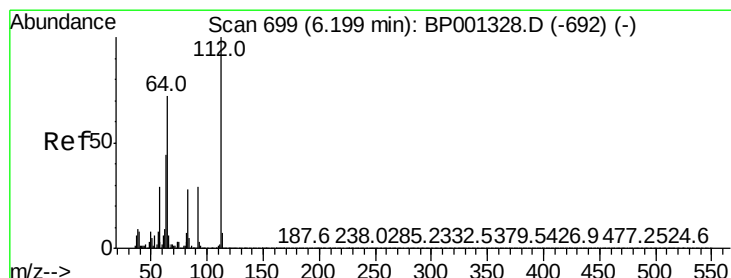
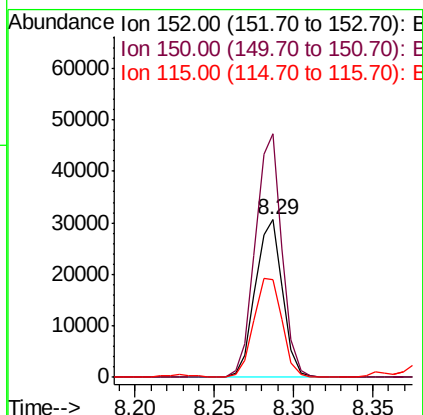
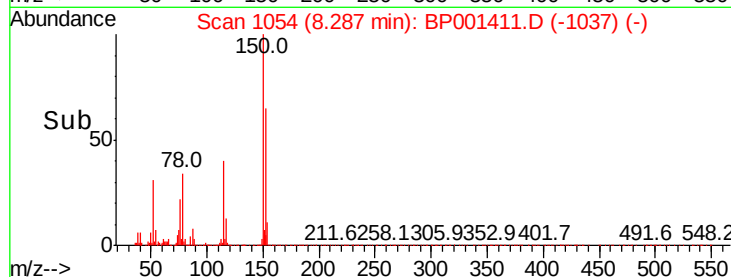
115 62.4 56.1 84.1



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: 4.414 ng

RT: 6.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BP001411.D

Acq: 25 Dec 2019 07:18

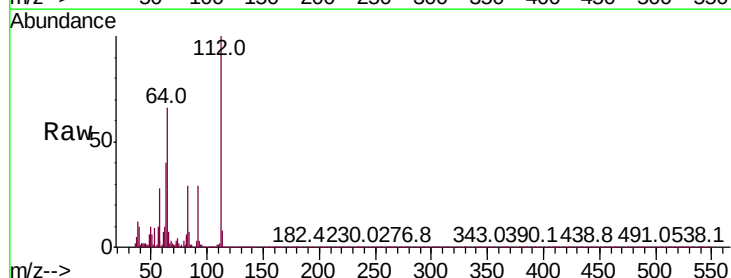
Tgt Ion:112 Resp: 10003

Ion Ratio Lower Upper

112 100

64 66.2 53.9 80.9

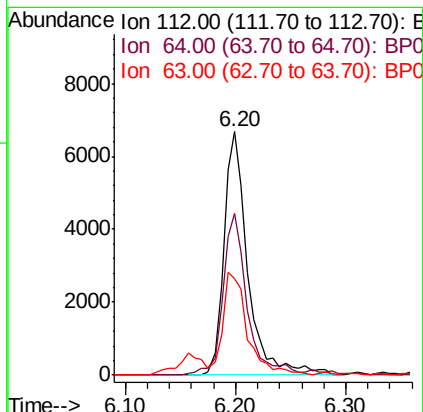
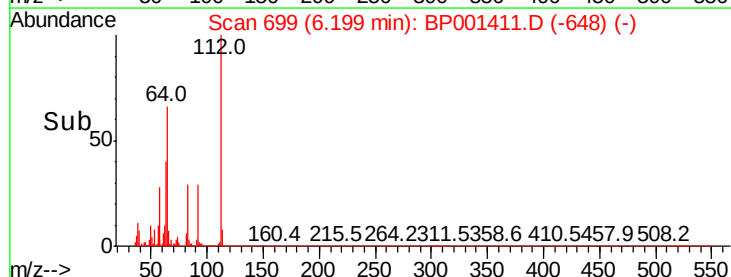
63 39.6 33.4 50.0

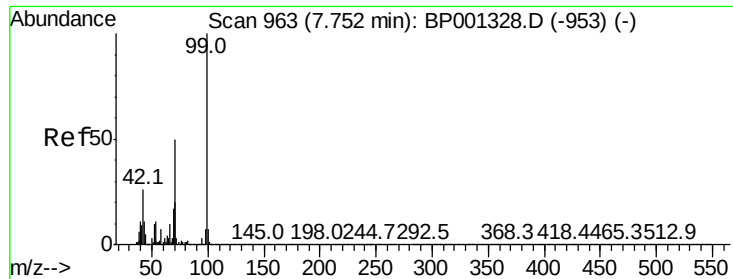


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 2.875 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BP001411.D

Acq: 25 Dec 2019 07:18

Instrument :

BNA_P

ClientSampleId :

MW-12DL

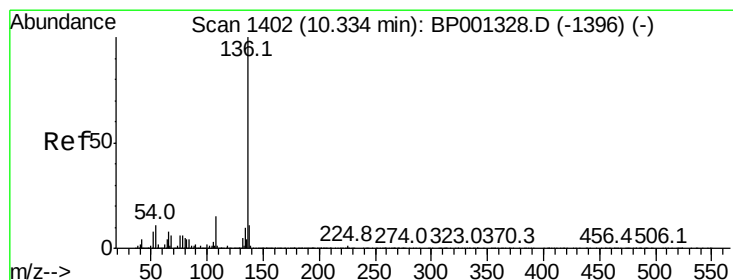
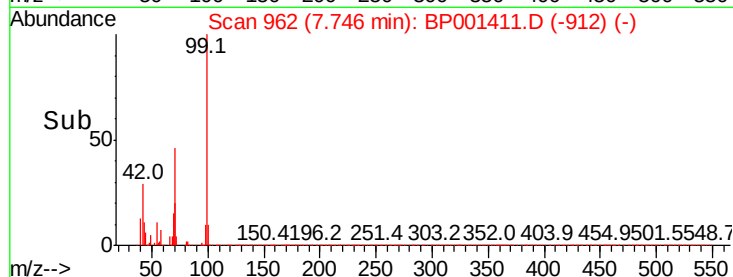
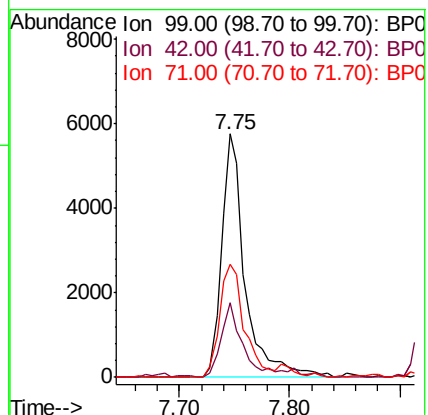
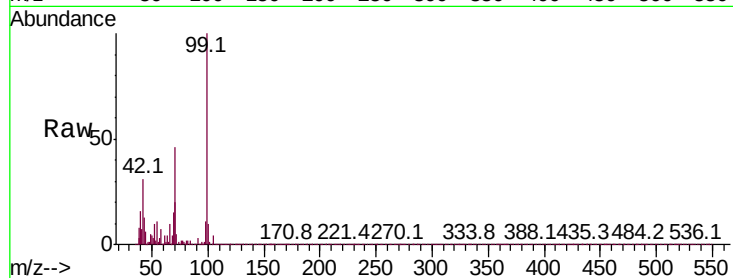
Tot Ion: 99 Resp: 8501

Ion Ratio Lower Upper

99 100

42 30.6 20.8 31.2

71 46.3 38.2 57.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BP001411.D

Acq: 25 Dec 2019 07:18

Tgt Ion: 136 Resp: 128726

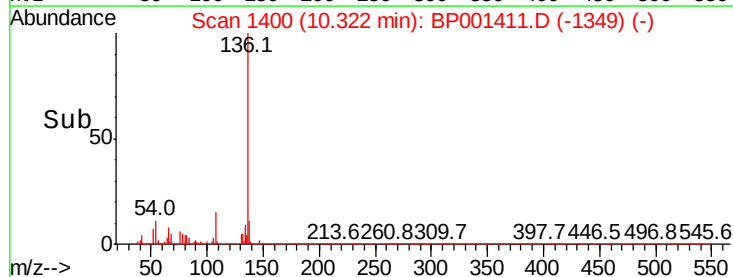
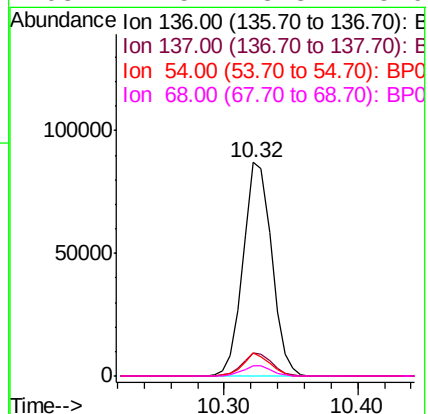
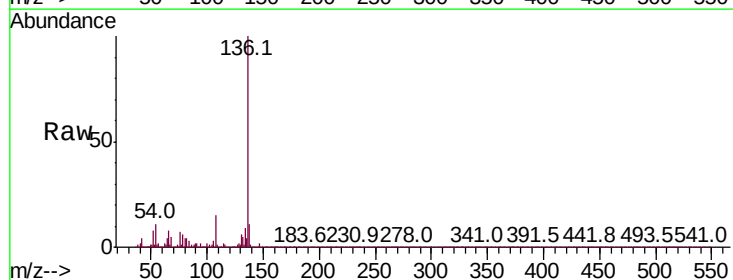
Ion Ratio Lower Upper

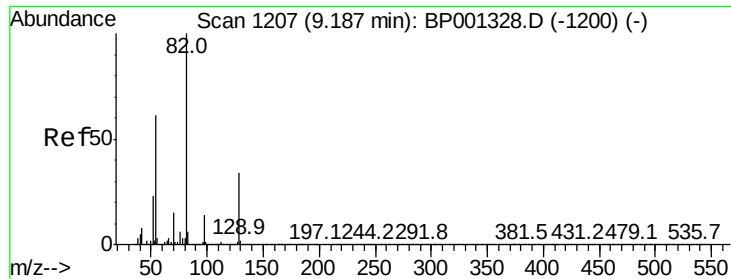
136 100

137 10.9 9.0 13.4

54 10.6 7.3 10.9

68 4.5 3.8 5.6

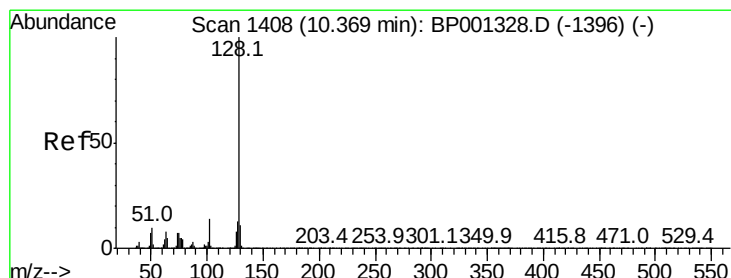
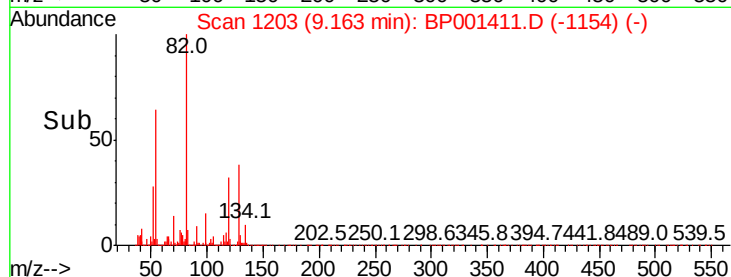
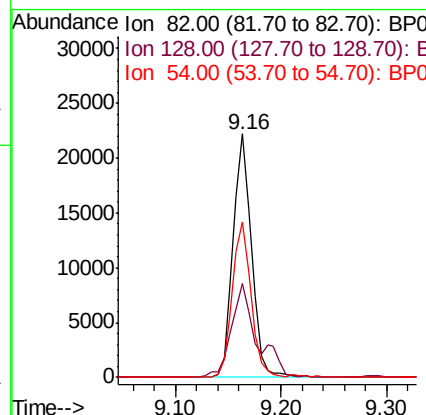
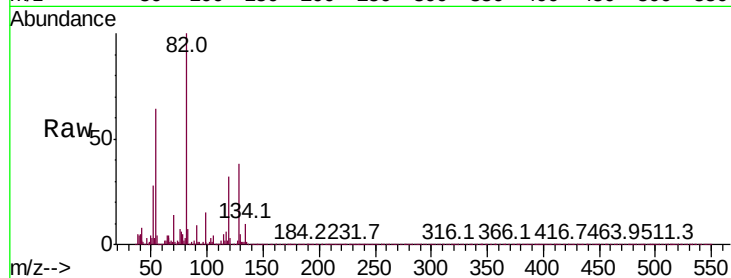




#23
Nitrobenzene-d5
Concen: 7.932 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BP001411.D
Acq: 25 Dec 2019 07:18

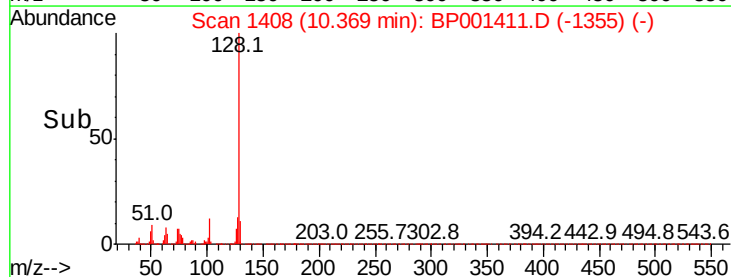
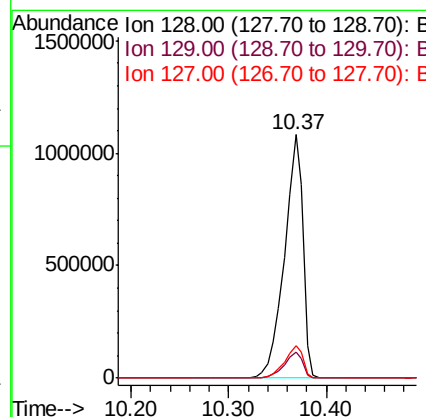
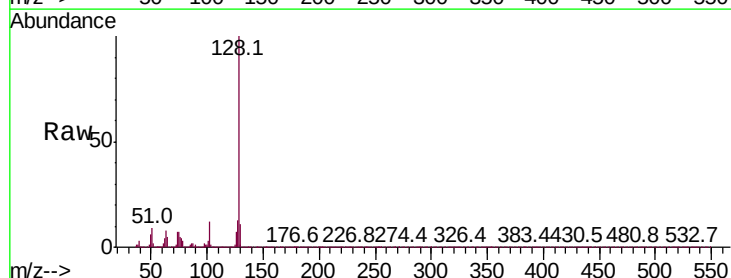
Instrument :
BNA_P
ClientSampleId :
MW-12DL

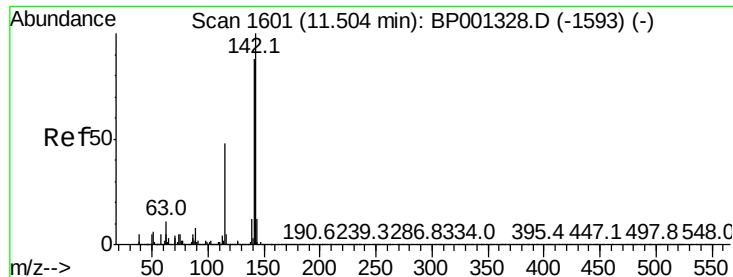
Tot Ion	82	Resp	26589
Ion Ratio	Lower	Upper	
82	100		
128	38.4	27.4	41.0
54	63.9	47.5	71.3



#31
Naphthalene
Concen: 202.368 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BP001411.D
Acq: 25 Dec 2019 07:18

Tgt Ion	128	Resp	1421984
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.6	12.8
127	13.3	11.0	16.6

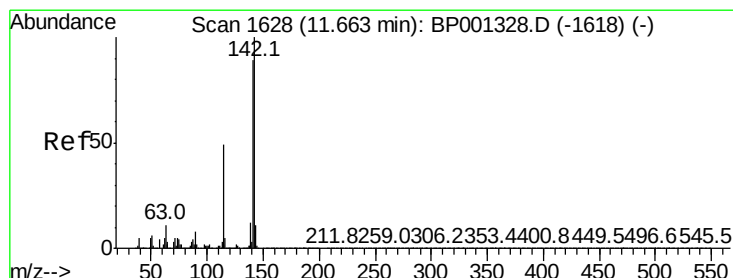
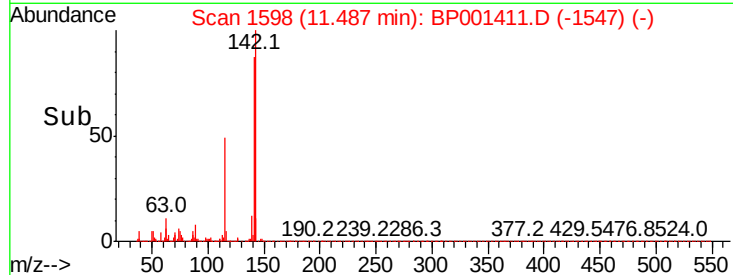
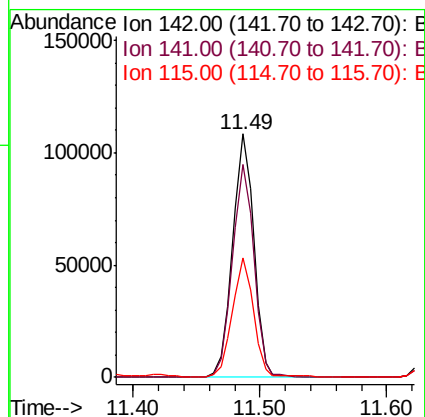
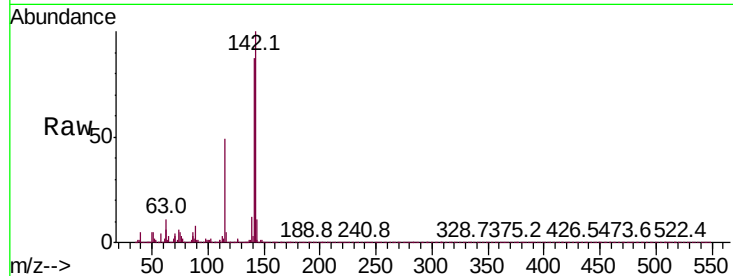




#37
2-Methylnaphthalene
Concen: 25.818 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BP001411.D
Acq: 25 Dec 2019 07:18

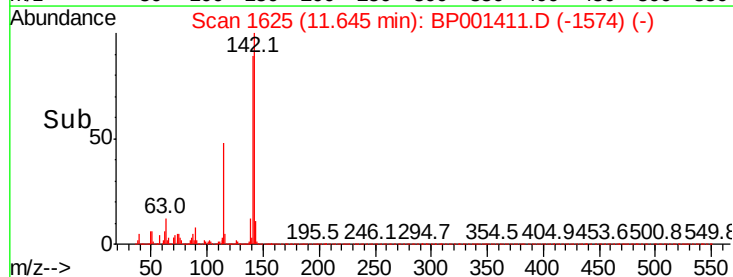
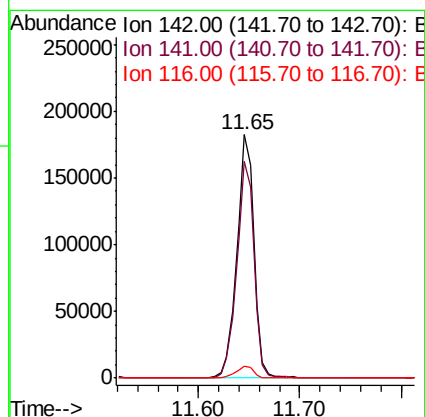
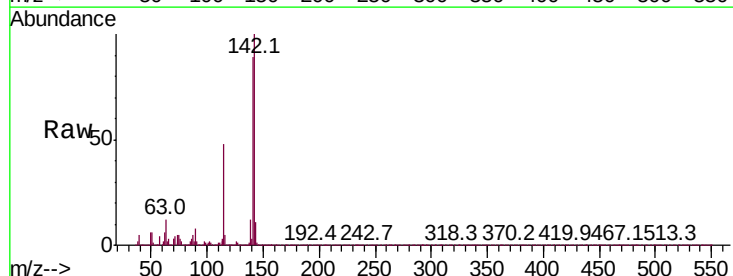
Instrument :
BNA_P
ClientSampled :
MW-12DL

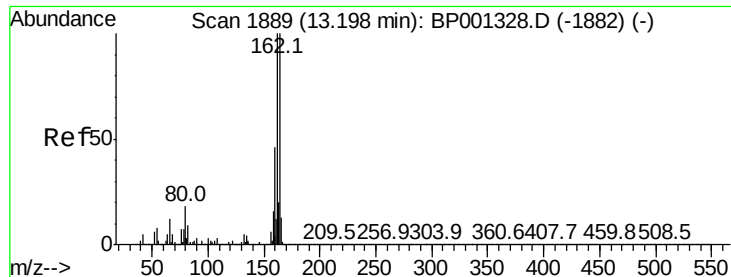
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.2	105.2
115	49.3	37.0	55.4



#38
1-Methylnaphthalene
Concen: 46.692 ng
RT: 11.65 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BP001411.D
Acq: 25 Dec 2019 07:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.9	109.3
116	5.1	3.8	5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.18 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BP001411.D

Acq: 25 Dec 2019 07:18

Instrument :

BNA_P

ClientSampleId :

MW-12DL

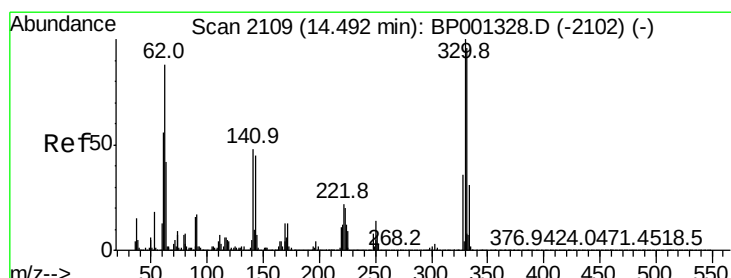
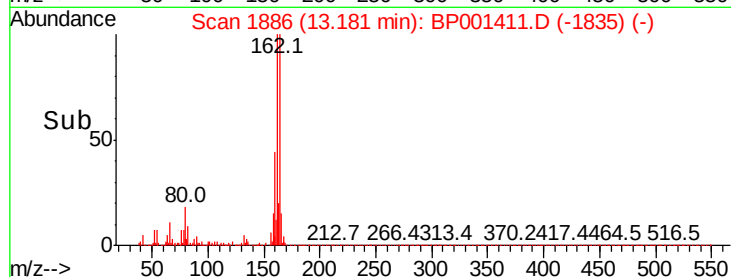
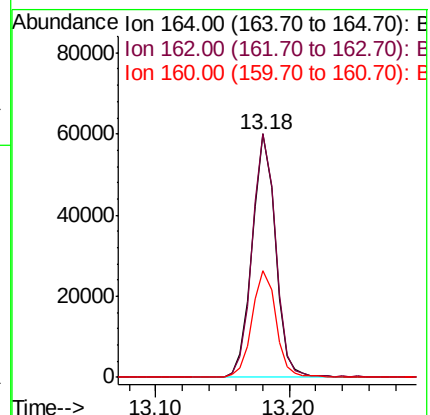
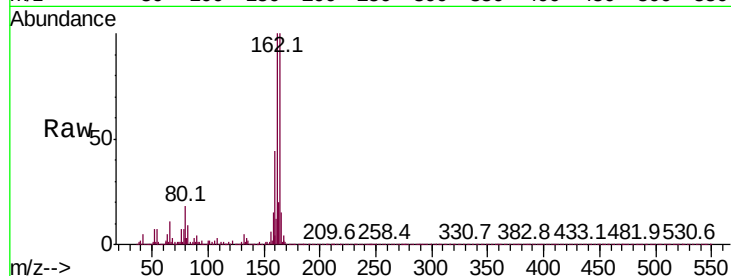
Tot Ion:164 Resp: 71757

Ion Ratio Lower Upper

164 100

162 99.9 78.2 117.4

160 43.9 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 10.879 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BP001411.D

Acq: 25 Dec 2019 07:18

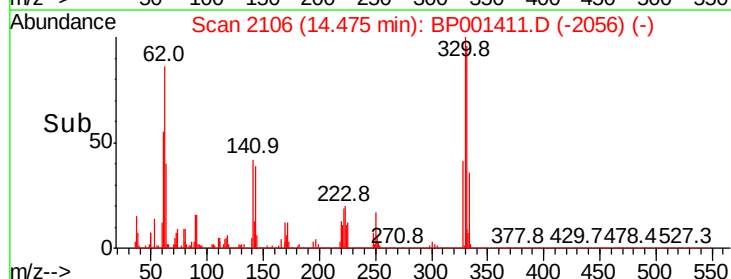
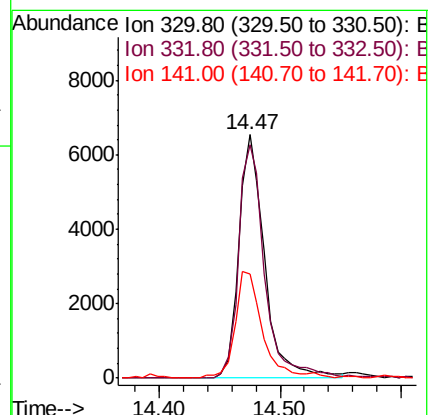
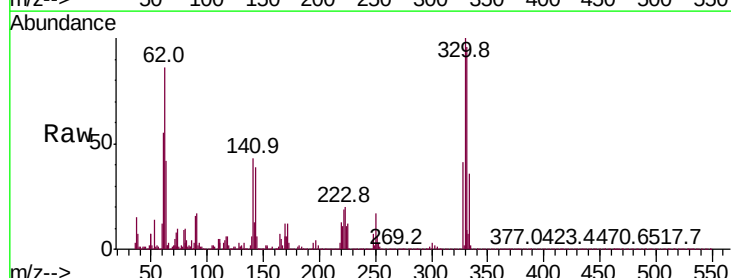
Tgt Ion:330 Resp: 9760

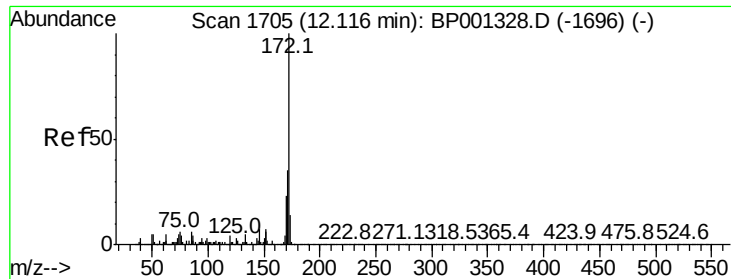
Ion Ratio Lower Upper

330 100

332 97.5 78.3 117.5

141 45.2 26.8 40.2#

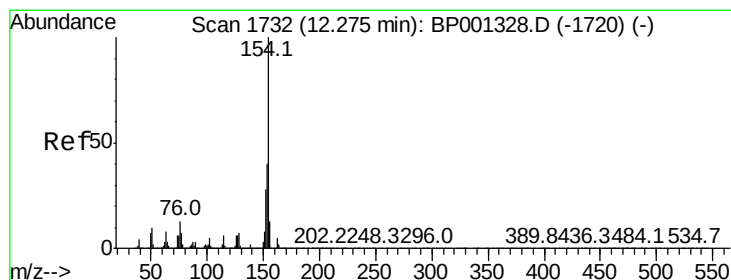
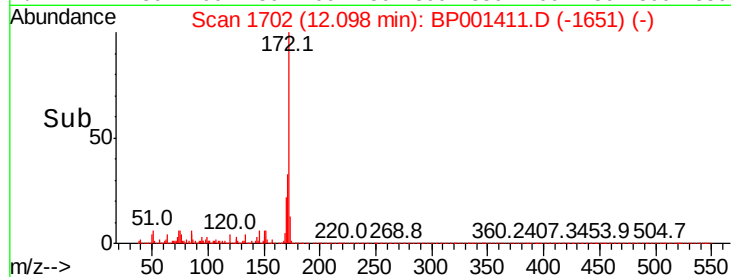
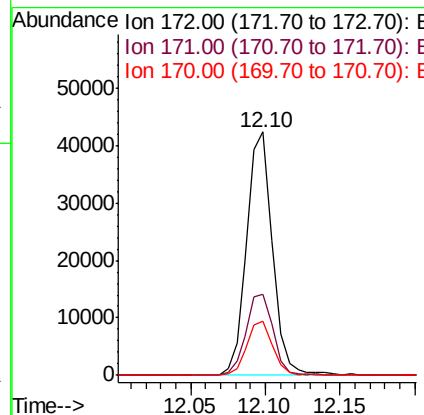
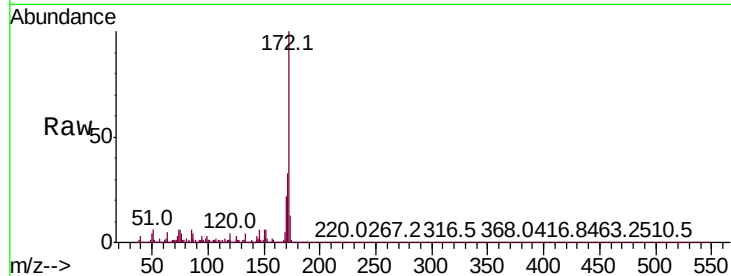




#45
2-Fluorobiphenyl
Concen: 8.964 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001411.D
Acq: 25 Dec 2019 07:18

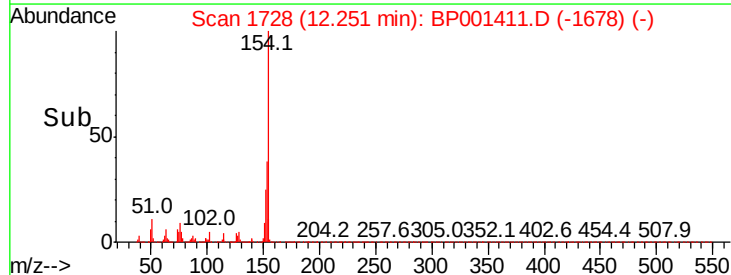
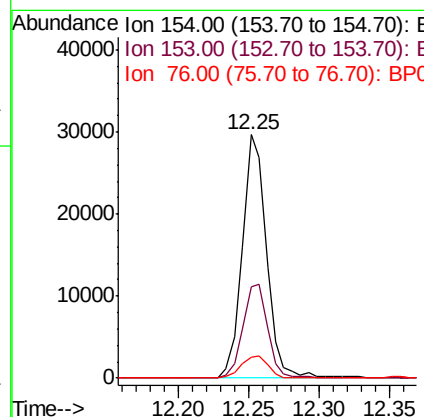
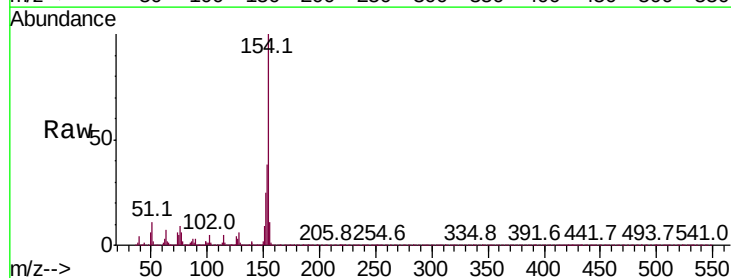
Instrument :
BNA_P
ClientSampleId :
MW-12DL

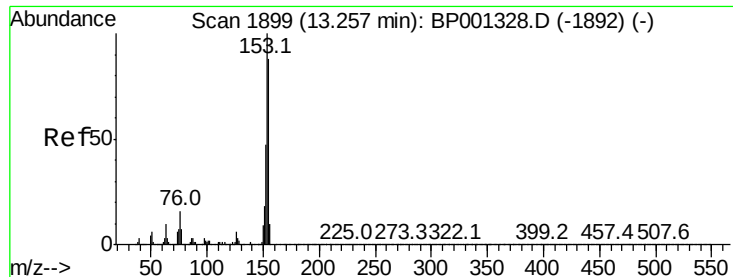
Tot Ion:172 Resp: 50867
Ion Ratio Lower Upper
172 100
171 33.3 27.4 41.0
170 22.2 18.2 27.4



#46
1,1'-Biphenyl
Concen: 5.912 ng
RT: 12.25 min Scan# 1728
Delta R.T. -0.01 min
Lab File: BP001411.D
Acq: 25 Dec 2019 07:18

Tgt Ion:154 Resp: 35502
Ion Ratio Lower Upper
154 100
153 37.7 19.5 59.5
76 8.6 0.0 31.5





#52

Acenaphthene

Concen: 7.147 ng

RT: 13.23 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BP001411.D

Acq: 25 Dec 2019 07:18

Instrument :

BNA_P

ClientSampleId :

MW-12DL

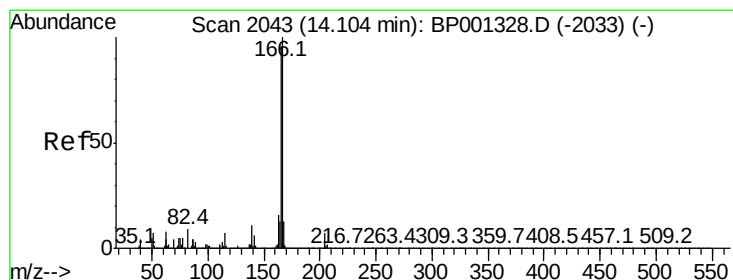
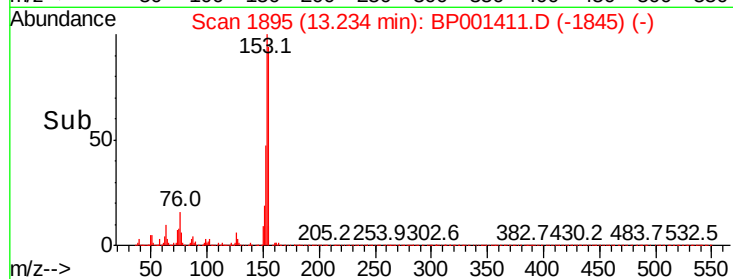
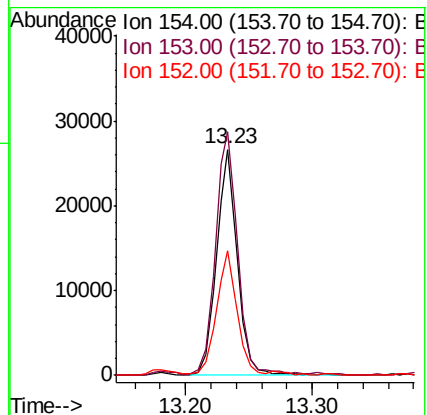
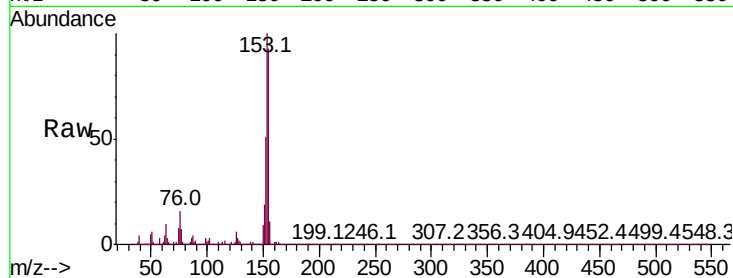
Tot Ion:154 Resp: 30558

Ion Ratio Lower Upper

154 100

153 107.8 90.1 135.1

152 55.2 41.8 62.6



#58

Fluorene

Concen: 2.665 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BP001411.D

Acq: 25 Dec 2019 07:18

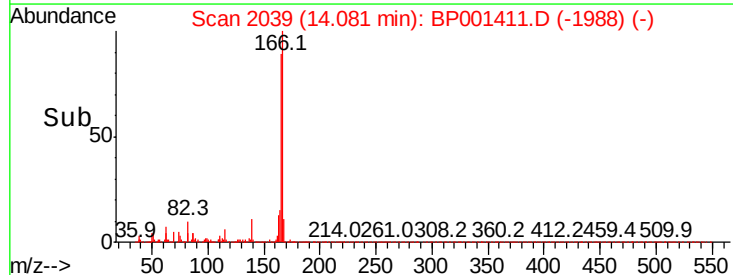
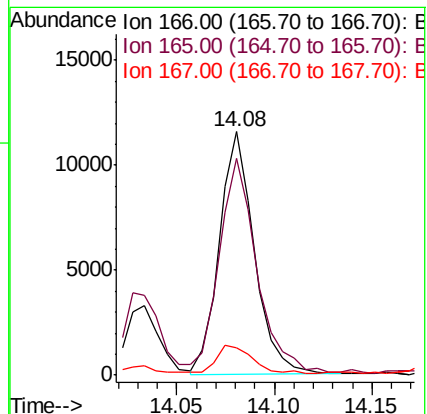
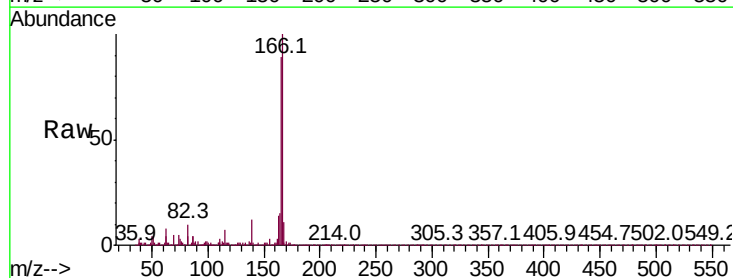
Tgt Ion:166 Resp: 14282

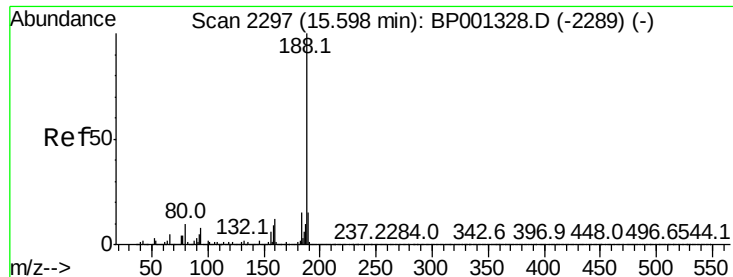
Ion Ratio Lower Upper

166 100

165 89.0 76.6 114.8

167 11.3 11.0 16.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.58 min Scan# 2294

Delta R.T. -0.00 min

Lab File: BP001411.D

Acq: 25 Dec 2019 07:18

Instrument :

BNA_P

ClientSampleId :

MW-12DL

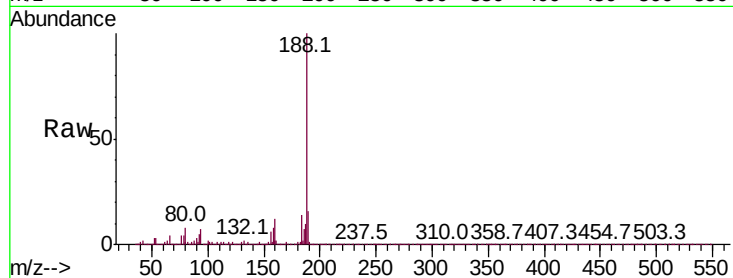
Tot Ion:188 Resp: 132988

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.8

80 8.1 5.7 8.5

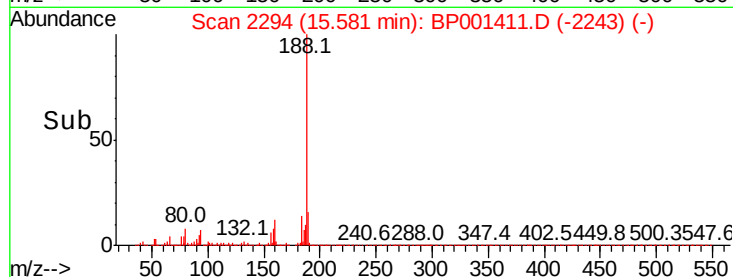


Abundance Ion 188.00 (187.70 to 188.70): E

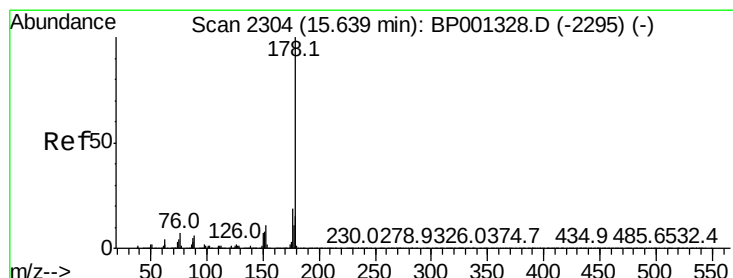
Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

15.58



Time-->



#71

Phenanthrene

Concen: 3.794 ng

RT: 15.62 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BP001411.D

Acq: 25 Dec 2019 07:18

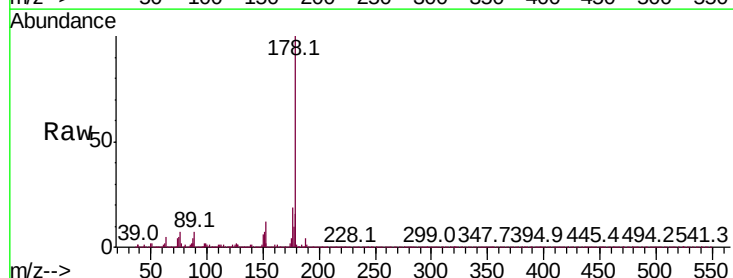
Tgt Ion:178 Resp: 28783

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.0

179 16.4 12.2 18.2

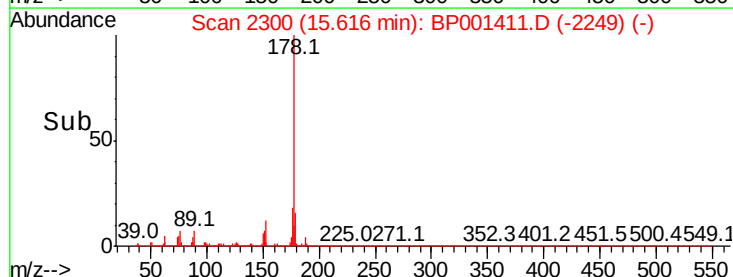


Abundance Ion 178.00 (177.70 to 178.70): E

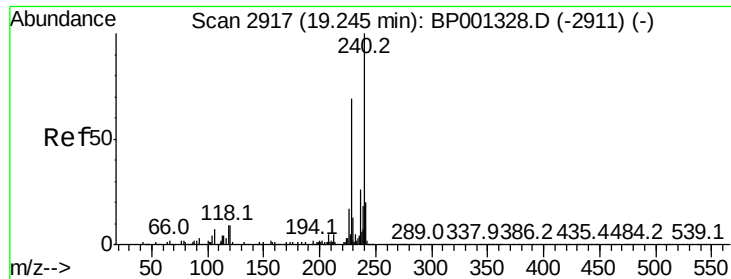
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

15.62



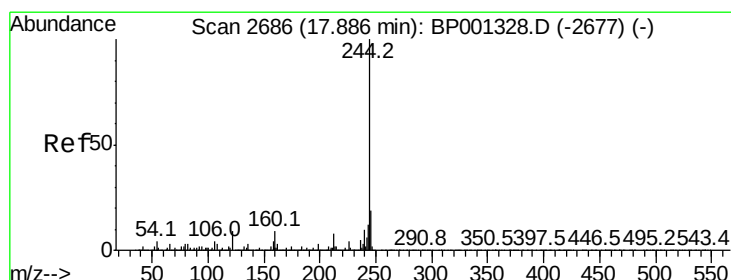
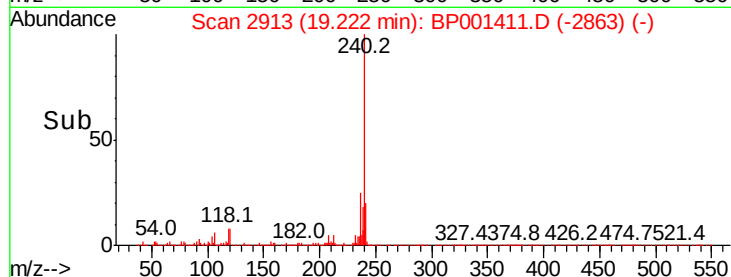
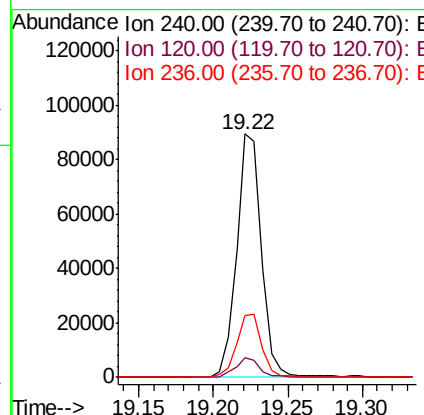
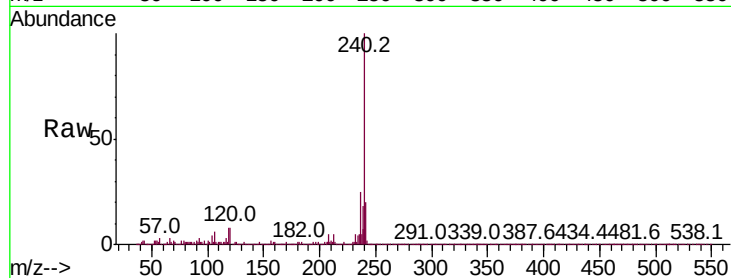
Time-->



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BP001411.D
Acq: 25 Dec 2019 07:18

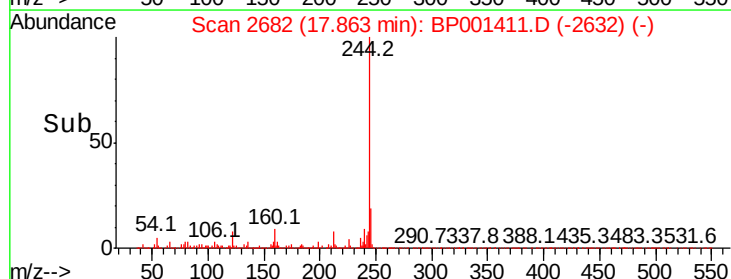
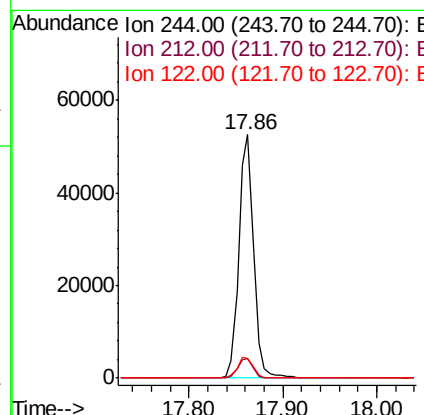
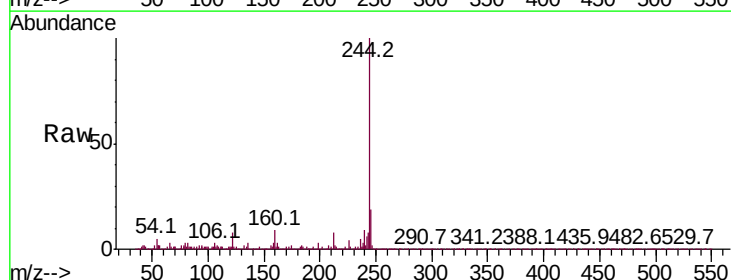
Instrument :
BNA_P
ClientSampleId :
MW-12DL

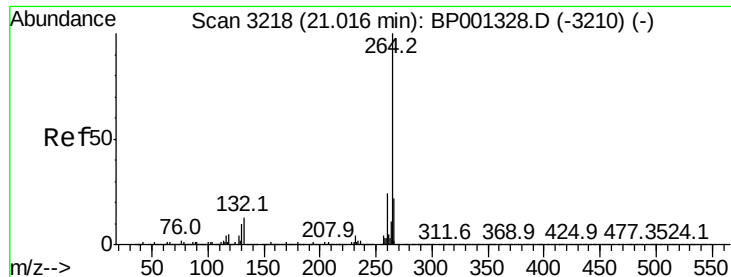
Tot Ion:240 Resp: 104111
Ion Ratio Lower Upper
240 100
120 8.0 6.2 9.2
236 25.4 20.2 30.2



#79
Terphenyl-d14
Concen: 9.438 ng
RT: 17.86 min Scan# 2682
Delta R.T. -0.01 min
Lab File: BP001411.D
Acq: 25 Dec 2019 07:18

Tgt Ion:244 Resp: 57371
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.8
122 9.0 6.4 9.6

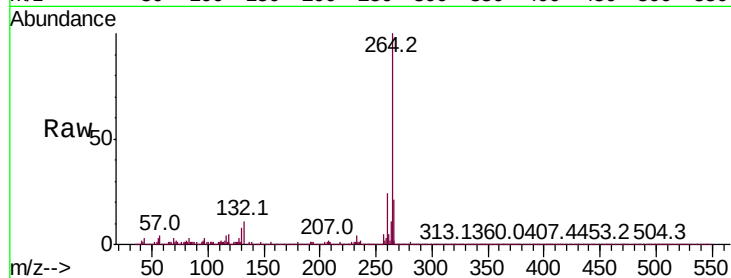




#87
Pervlene-d12
Concen: 20.000 ng
RT: 20.99 min Scan# 3214
Delta R.T. -0.00 min
Lab File: BP001411.D
Acq: 25 Dec 2019 07:18

Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.4
265	21.0	17.0	25.4



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

