

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
 Data File : BP001412.D
 Acq On : 25 Dec 2019 07:48
 Operator : JU
 Sample : K6372-18DL 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-14DL

Quant Time: Jan 01 06:43:43 2020
 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

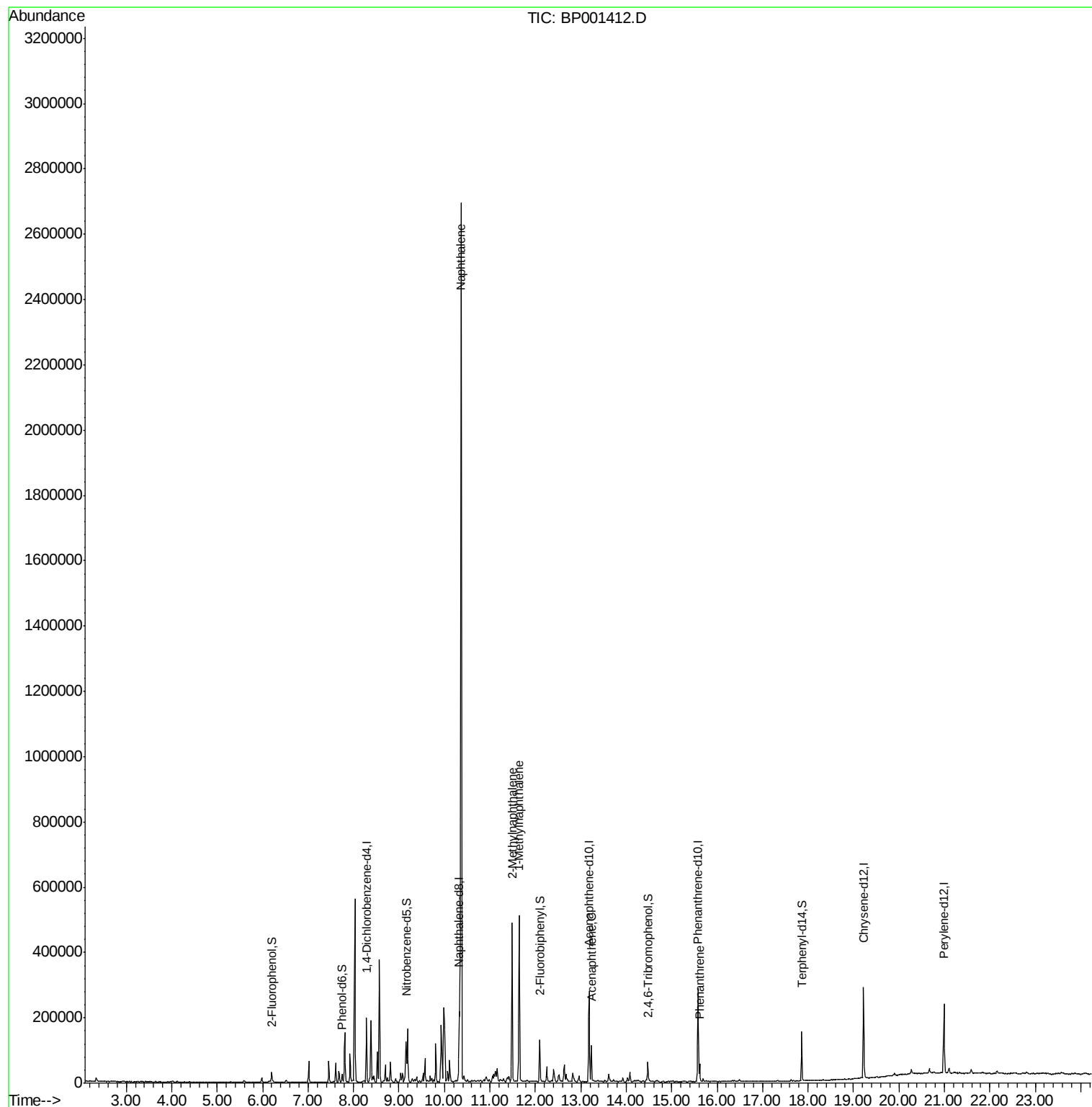
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	34618	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	123385	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	68859	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	129841	20.00	ng	0.00
76) Chrysene-d12	19.22	240	109804	20.00	ng	0.00
87) Perylene-d12	20.99	264	110181	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	10395	4.85	ng	0.00
7) Phenol-d6	7.75	99	9323	3.34	ng	0.00
23) Nitrobenzene-d5	9.16	82	26403	8.22	ng	-0.01
42) 2,4,6-Tribromophenol	14.47	330	10031	11.65	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	50039	9.19	ng	0.00
79) Terphenyl-d14	17.86	244	61942	9.66	ng	0.00
Target Compounds						
31) Naphthalene	10.37	128	1588383	235.833	ng	99
37) 2-Methylnaphthalene	11.49	142	154096	33.141	ng	99
38) 1-Methylnaphthalene	11.65	142	153707	35.162	ng	98
52) Acenaphthene	13.23	154	30565	7.450	ng	99
71) Phenanthrene	15.62	178	23441	3.164	ng	97

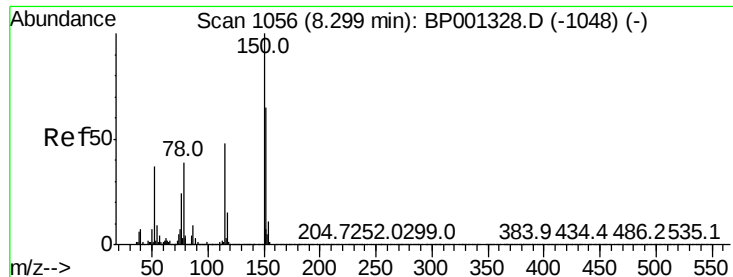
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP001412.D

Acq: 25 Dec 2019 07:48

Instrument :

BNA_P

ClientSampled :

MW-14DL

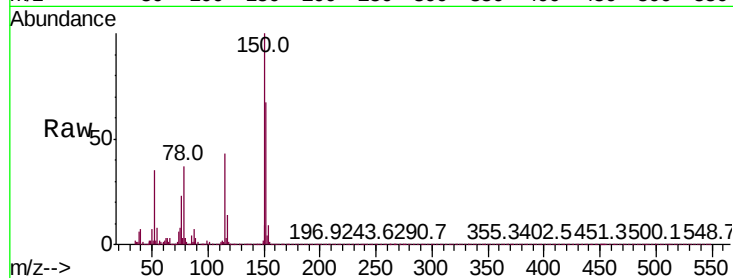
Tot Ion:152 Resp: 34618

Ion Ratio Lower Upper

152 100

150 149.9 127.0 190.6

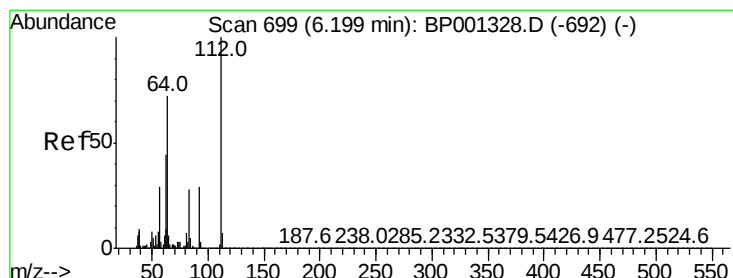
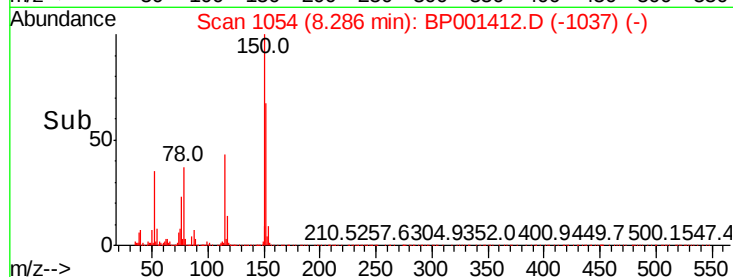
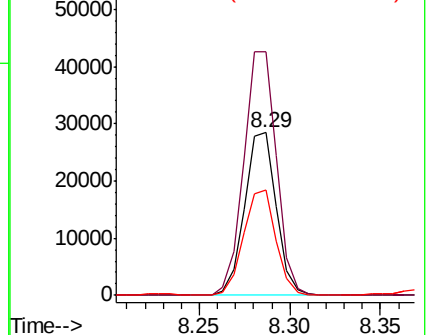
115 65.0 56.1 84.1



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: 4.853 ng

RT: 6.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BP001412.D

Acq: 25 Dec 2019 07:48

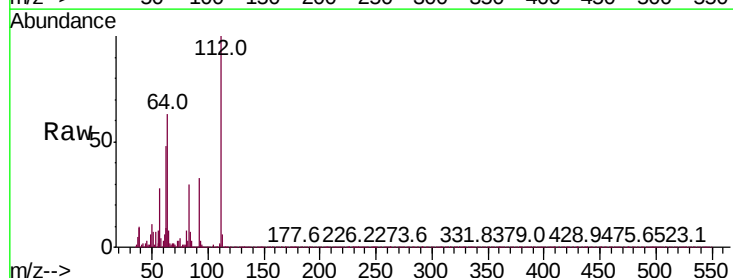
Tgt Ion:112 Resp: 10395

Ion Ratio Lower Upper

112 100

64 62.9 53.9 80.9

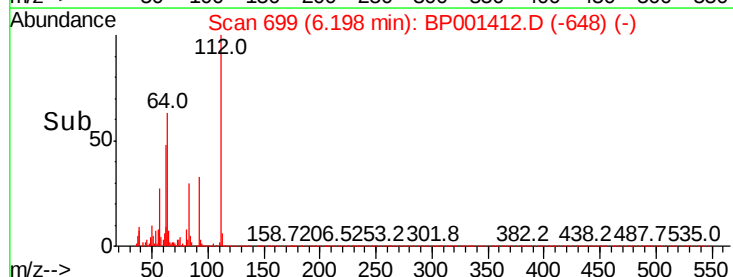
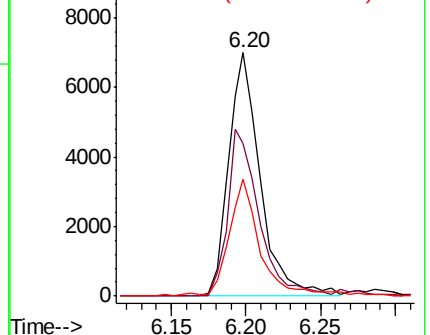
63 48.1 33.4 50.0

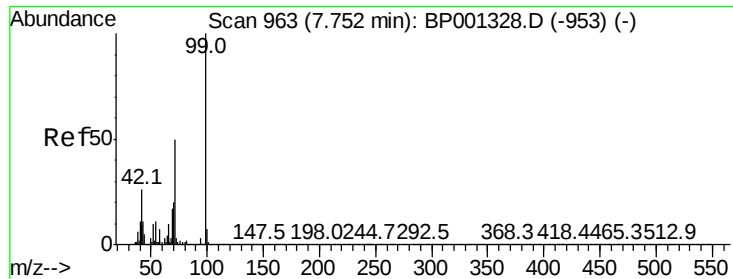


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 3.336 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BP001412.D

Acq: 25 Dec 2019 07:48

Instrument :

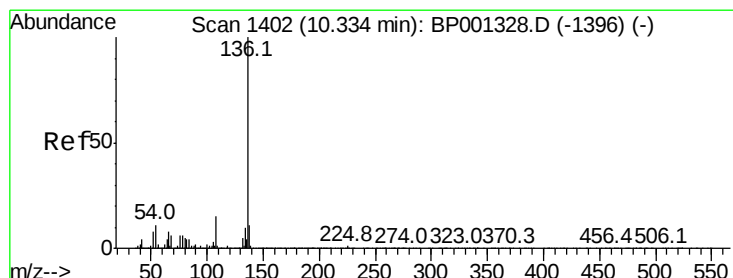
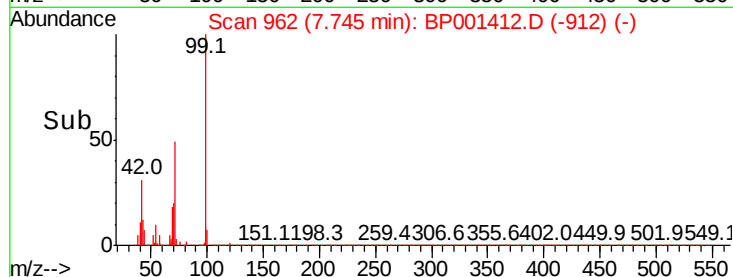
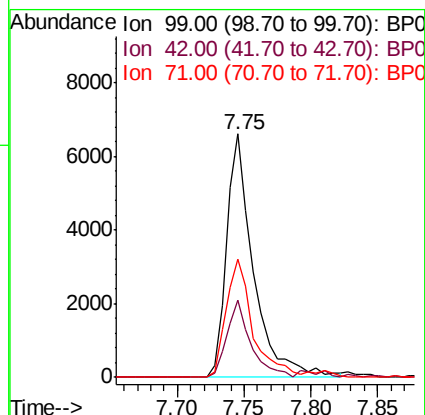
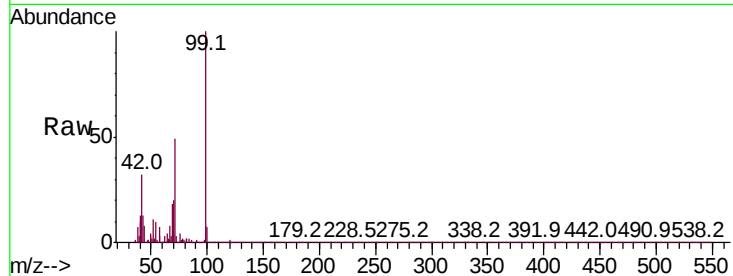
BNA_P

ClientSampleId :

MW-14DL

Tot Ion: 99 Resp: 9323

Ion	Ratio	Lower	Upper
99	100		
42	31.6	20.8	31.2#
71	48.6	38.2	57.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1400

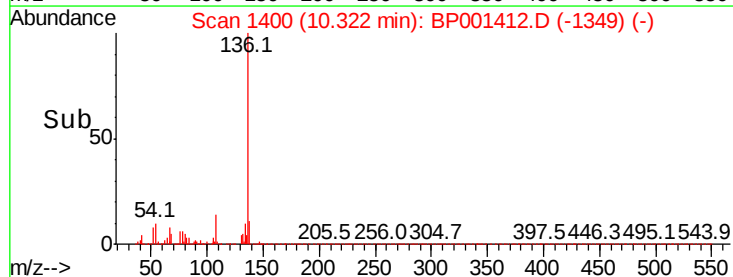
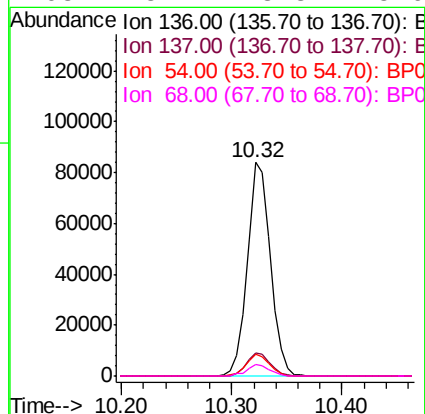
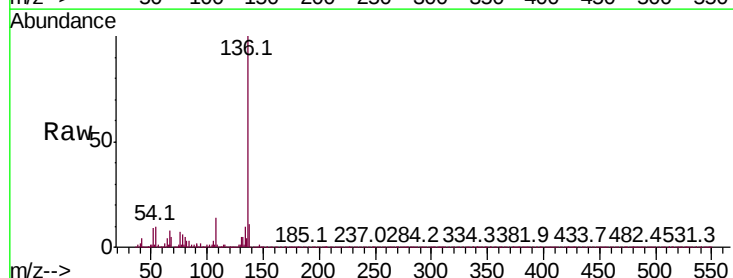
Delta R.T. -0.00 min

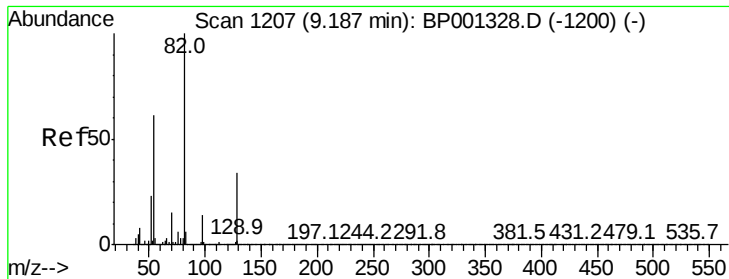
Lab File: BP001412.D

Acq: 25 Dec 2019 07:48

Tgt Ion: 136 Resp: 123385

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	10.4	7.3	10.9
68	5.4	3.8	5.6

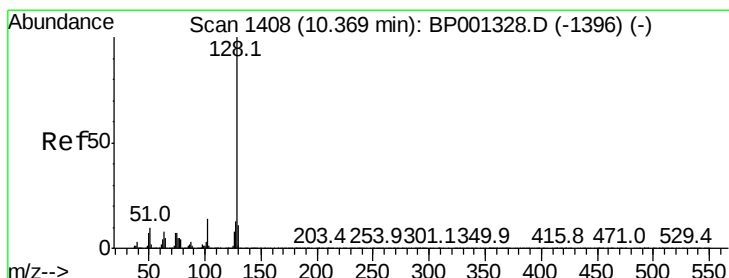
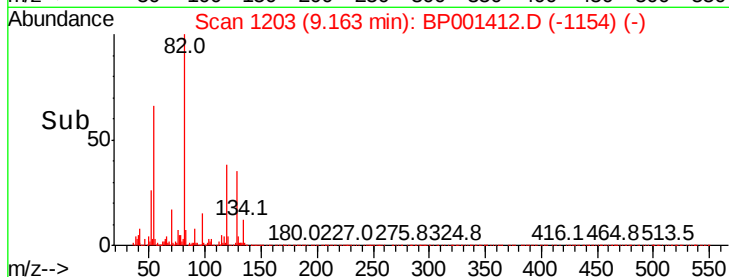
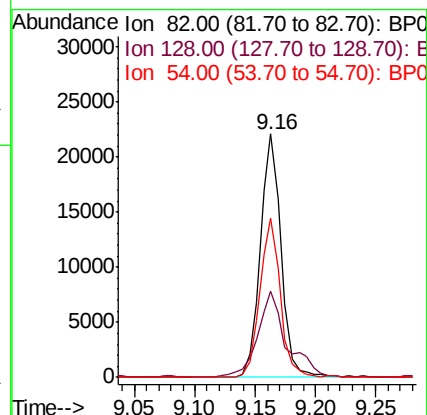
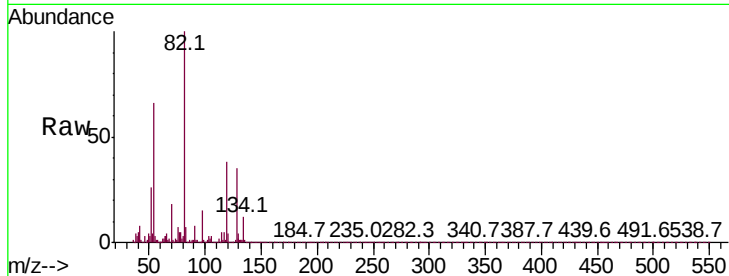




#23
Nitrobenzene-d5
Concen: 8.217 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

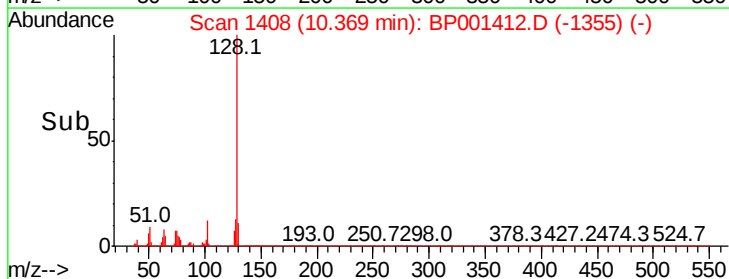
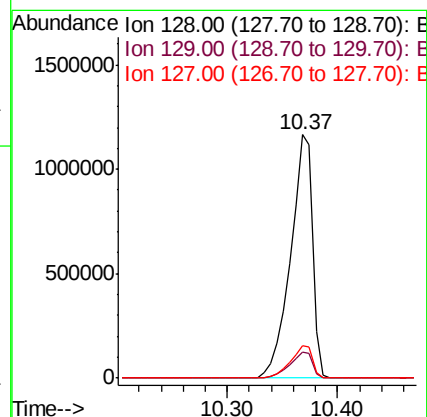
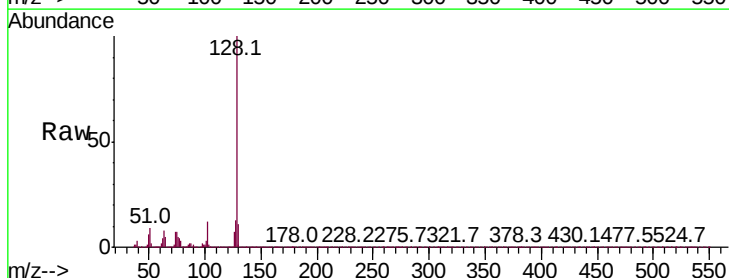
Instrument :
BNA_P
ClientSampleId :
MW-14DL

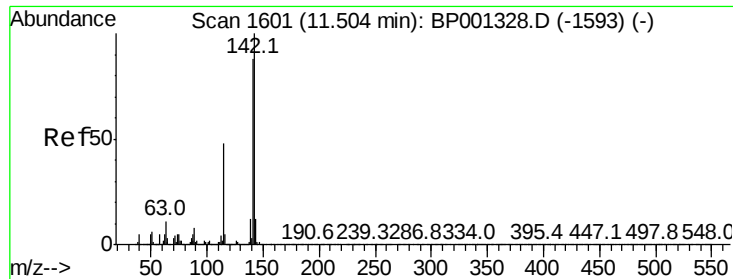
Tot Ion	82	Resp	26403
Ion Ratio	100	Lower	Upper
128	35.1	27.4	41.0
54	65.5	47.5	71.3



#31
Naphthalene
Concen: 235.833 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Tgt Ion	128	Resp	1588383
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
129	10.9	8.6	12.8
127	13.4	11.0	16.6

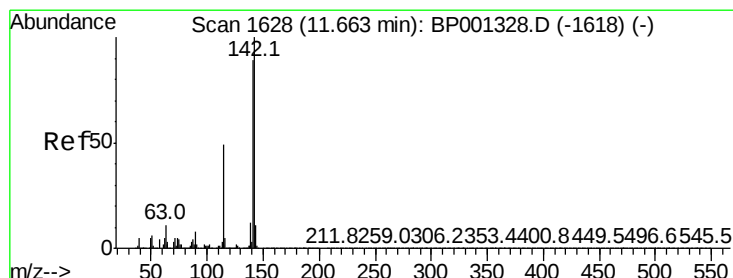
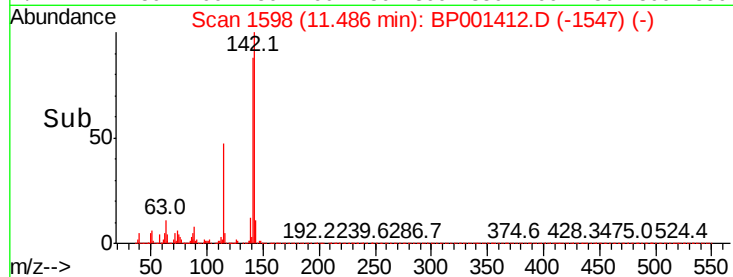
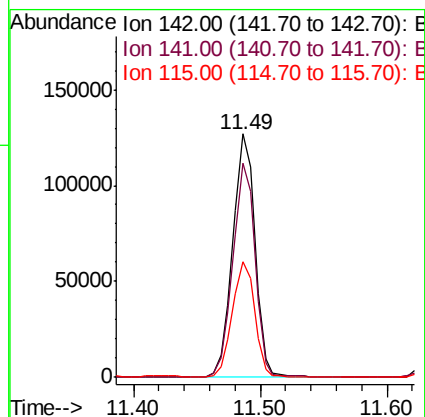
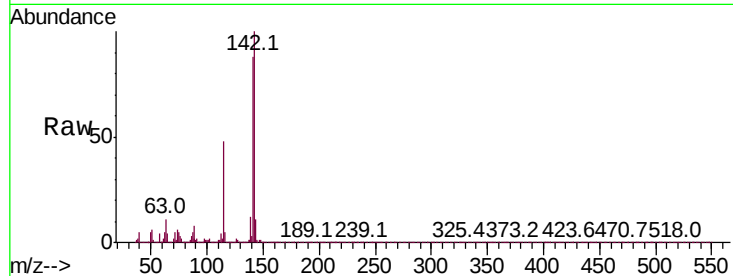




#37
2-Methylnaphthalene
Concen: 33.141 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

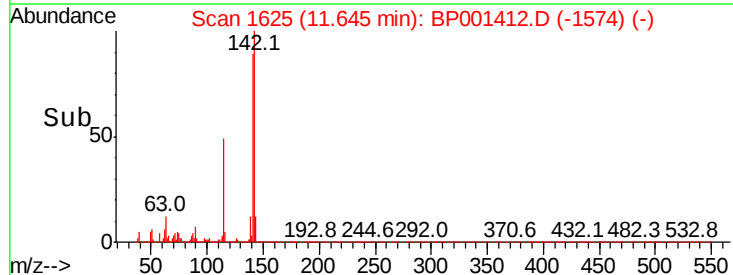
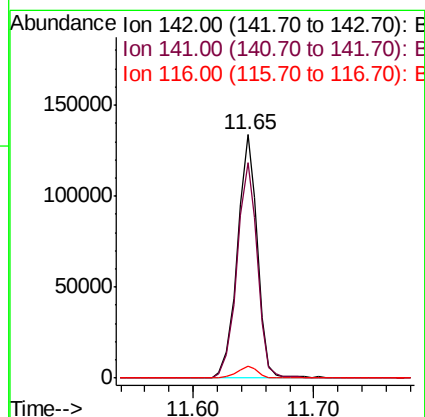
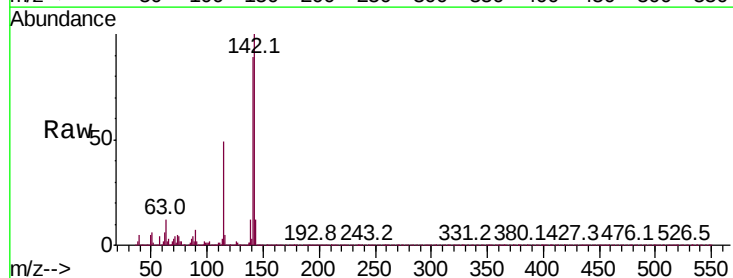
Instrument :
BNA_P
ClientSampleId :
MW-14DL

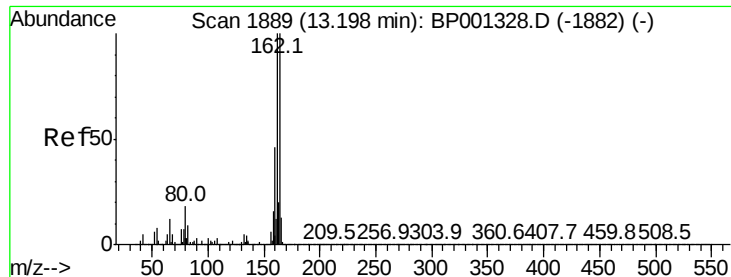
Tot Ion:142 Resp: 154096
Ion Ratio Lower Upper
142 100
141 88.1 70.2 105.2
115 47.5 37.0 55.4



#38
1-Methylnaphthalene
Concen: 35.162 ng
RT: 11.65 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Tgt Ion:142 Resp: 153707
Ion Ratio Lower Upper
142 100
141 88.7 72.9 109.3
116 4.9 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: BP001412.D

Acq: 25 Dec 2019 07:48

Instrument :

BNA_P

ClientSampleId :

MW-14DL

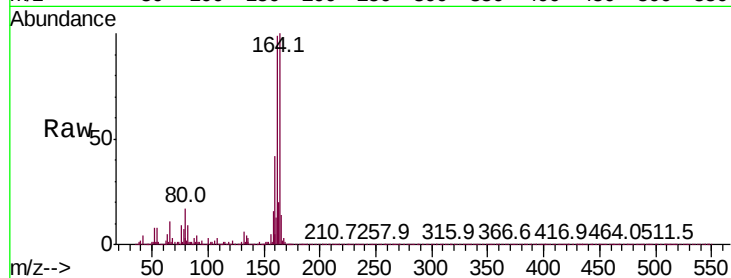
Tot Ion:164 Resp: 68859

Ion Ratio Lower Upper

164 100

162 99.0 78.2 117.4

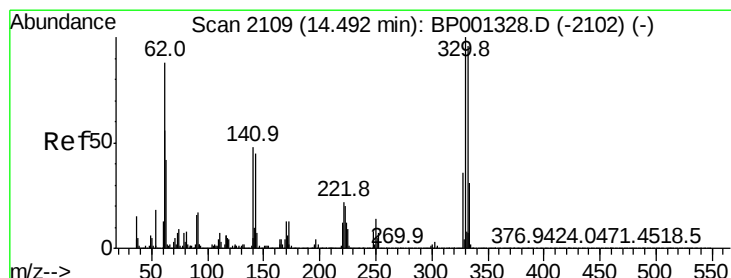
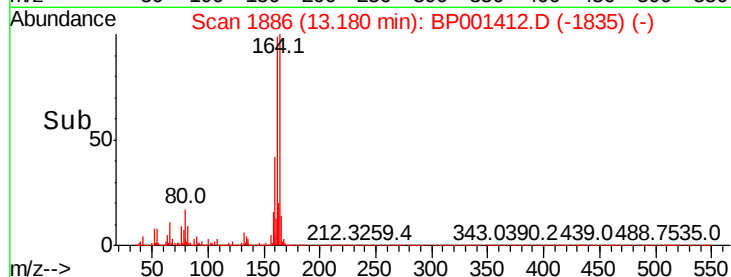
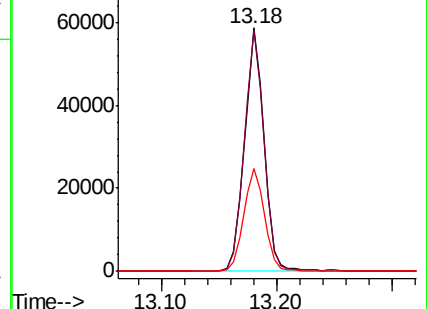
160 42.2 35.1 52.7



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: 11.652 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BP001412.D

Acq: 25 Dec 2019 07:48

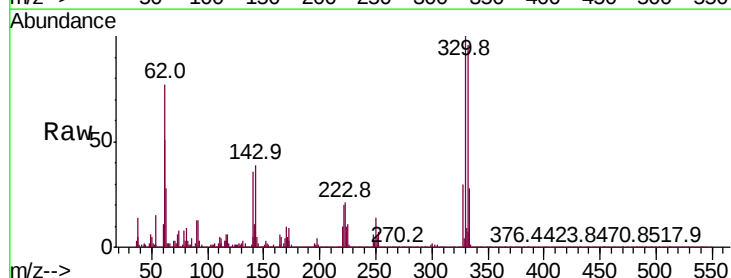
Tgt Ion:330 Resp: 10031

Ion Ratio Lower Upper

330 100

332 96.5 78.3 117.5

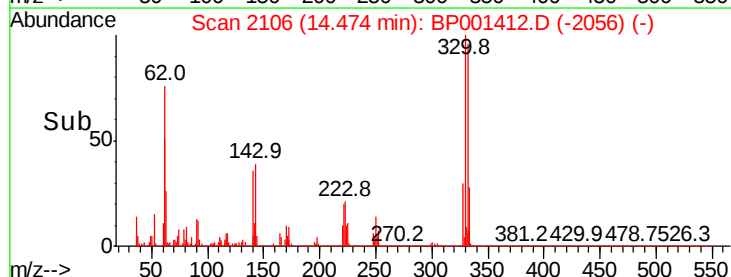
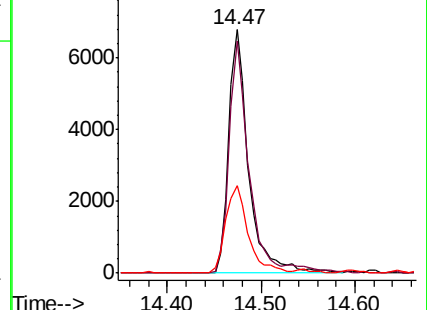
141 40.0 26.8 40.2

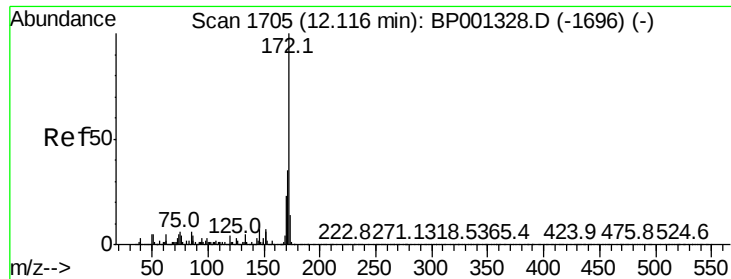


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

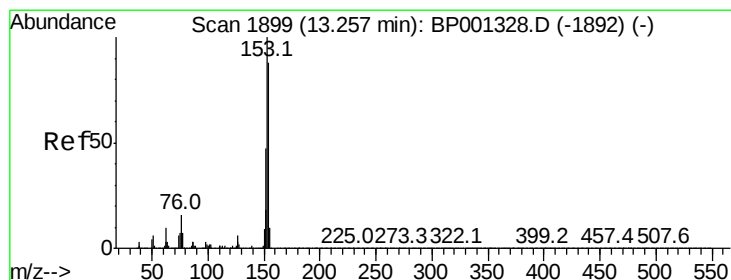
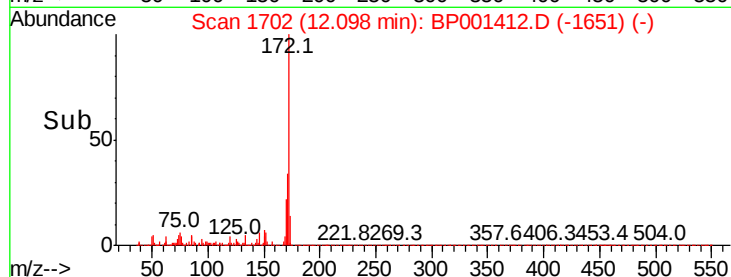
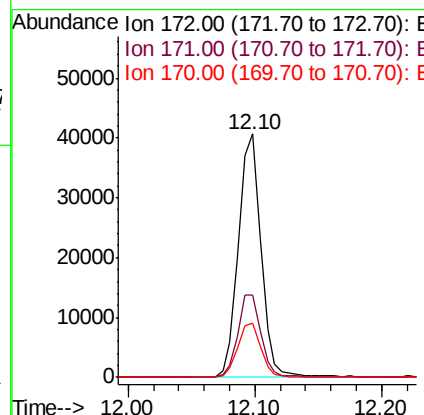
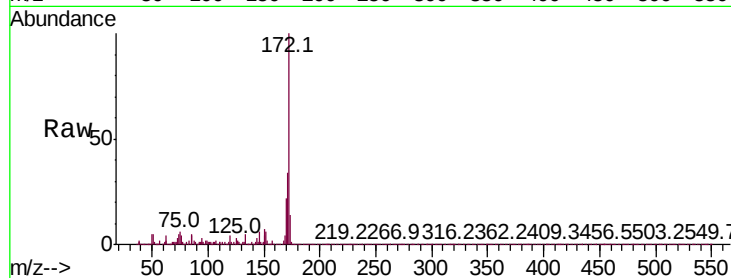




#45
2-Fluorobiphenyl
Concen: 9.189 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

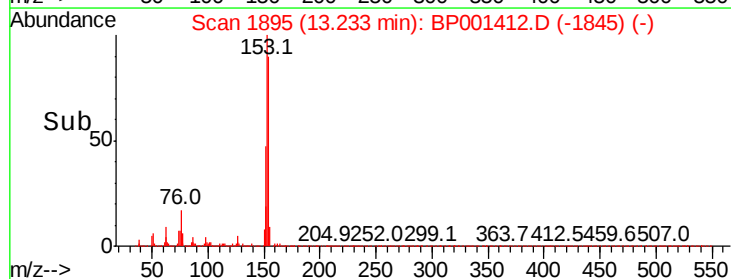
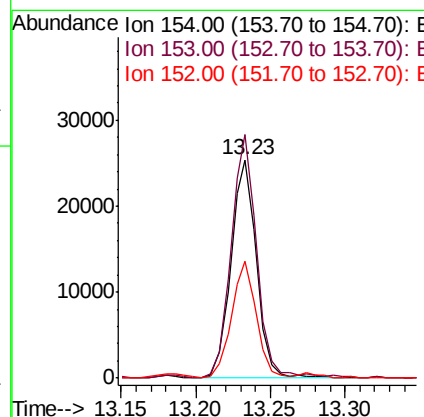
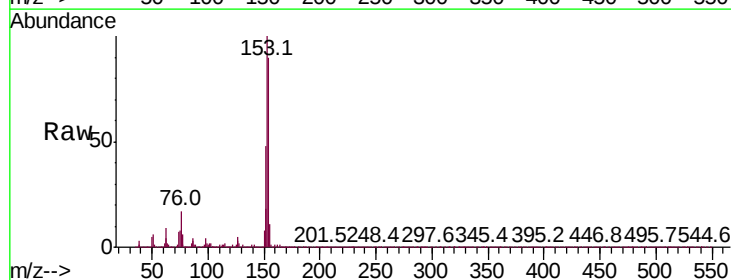
Instrument :
BNA_P
ClientSampled :
MW-14DL

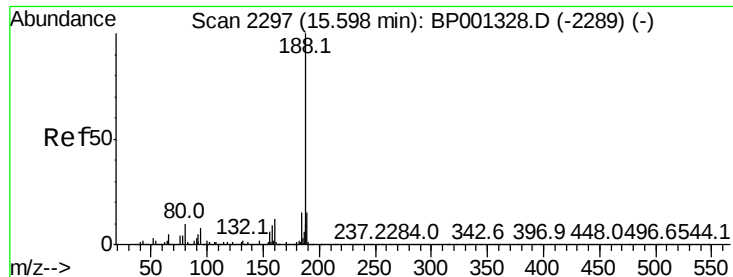
Tot Ion:172 Resp: 50039
Ion Ratio Lower Upper
172 100
171 33.9 27.4 41.0
170 22.2 18.2 27.4



#52
Acenaphthene
Concen: 7.450 ng
RT: 13.23 min Scan# 1895
Delta R.T. -0.01 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Tgt Ion:154 Resp: 30565
Ion Ratio Lower Upper
154 100
153 111.6 90.1 135.1
152 53.3 41.8 62.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.58 min Scan# 2294

Delta R.T. -0.00 min

Lab File: BP001412.D

Acq: 25 Dec 2019 07:48

Instrument :

BNA_P

ClientSampleId :

MW-14DL

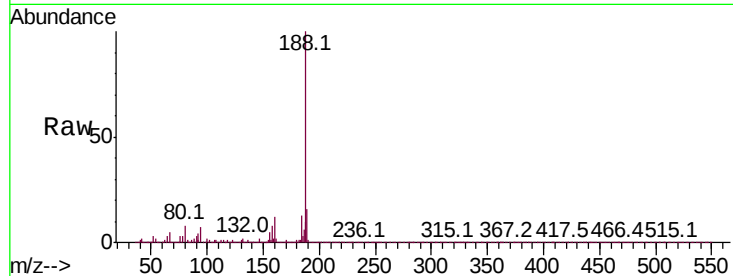
Tot Ion:188 Resp: 129841

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.8

80 7.8 5.7 8.5



Abundance Ion 188.00 (187.70 to 188.70): E

150000 Ion 94.00 (93.70 to 94.70): BP0

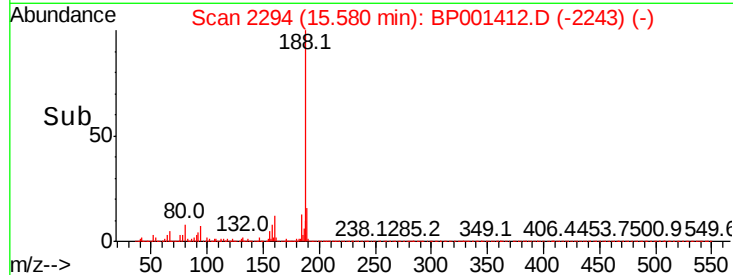
Ion 80.00 (79.70 to 80.70): BP0

100000

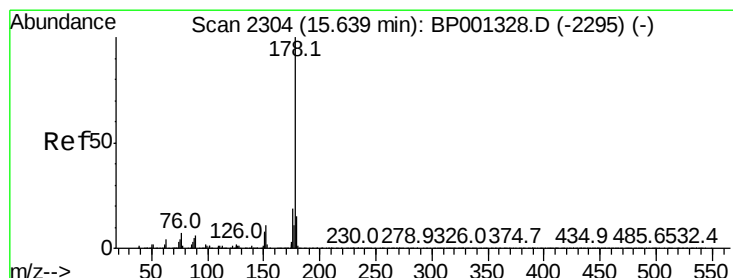
50000

0

15.50 15.60



Time-->



#71

Phenanthrene

Concen: 3.164 ng

RT: 15.62 min Scan# 2300

Delta R.T. -0.00 min

Lab File: BP001412.D

Acq: 25 Dec 2019 07:48

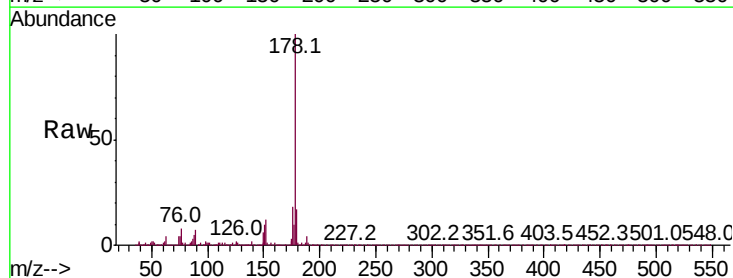
Tgt Ion:178 Resp: 23441

Ion Ratio Lower Upper

178 100

176 17.8 15.4 23.0

179 16.6 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

25000

20000

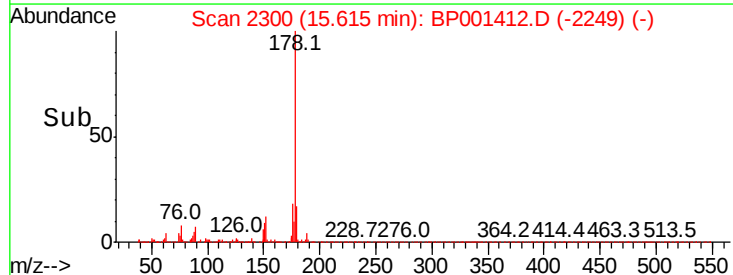
15000

10000

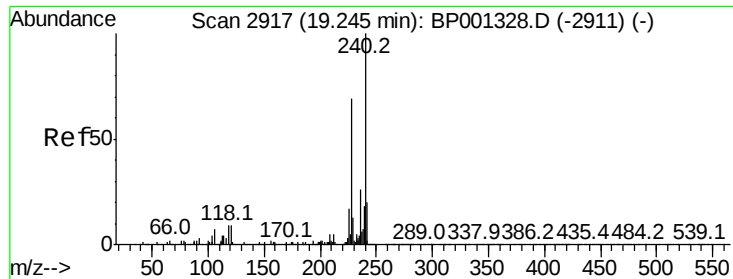
5000

0

15.55 15.60 15.65



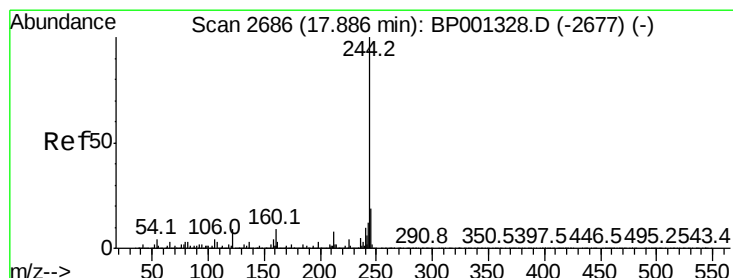
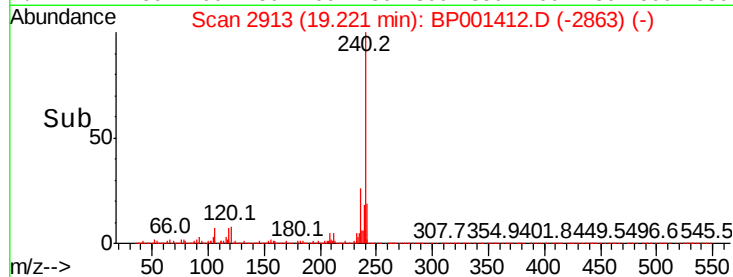
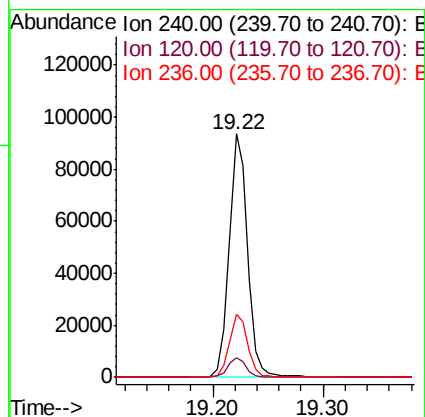
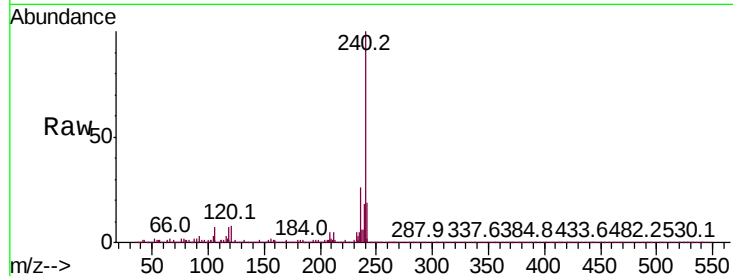
Time-->



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

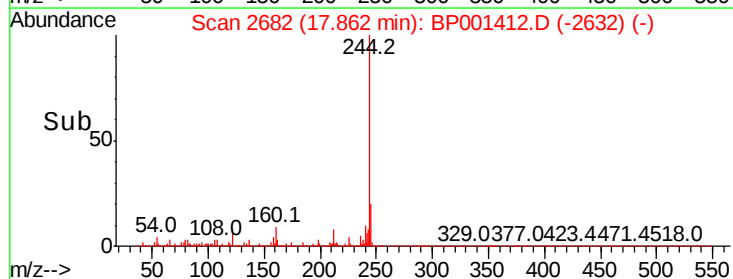
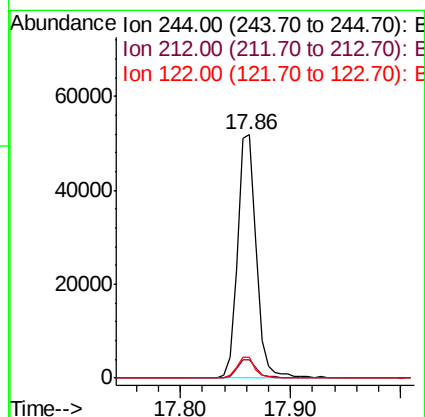
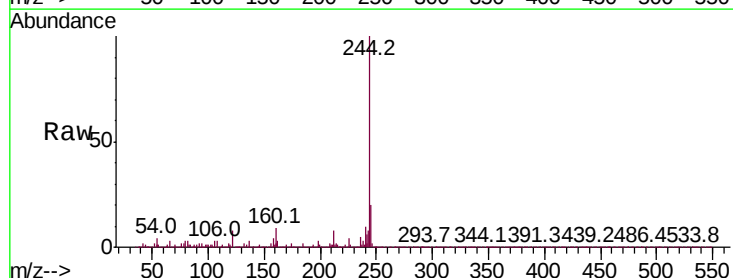
Instrument :
BNA_P
ClientSampleId :
MW-14DL

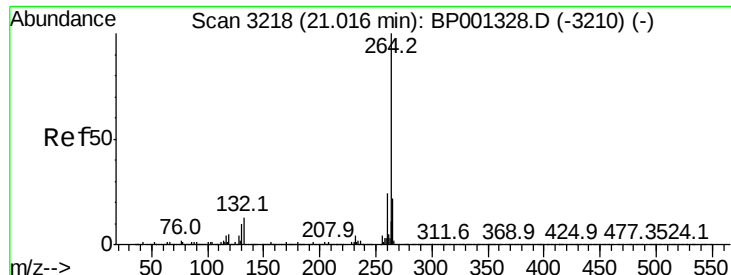
Tot Ion:240 Resp: 109804
Ion Ratio Lower Upper
240 100
120 8.0 6.2 9.2
236 26.2 20.2 30.2



#79
Terphenyl-d14
Concen: 9.662 ng
RT: 17.86 min Scan# 2682
Delta R.T. -0.01 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Tgt Ion:244 Resp: 61942
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.8
122 8.4 6.4 9.6

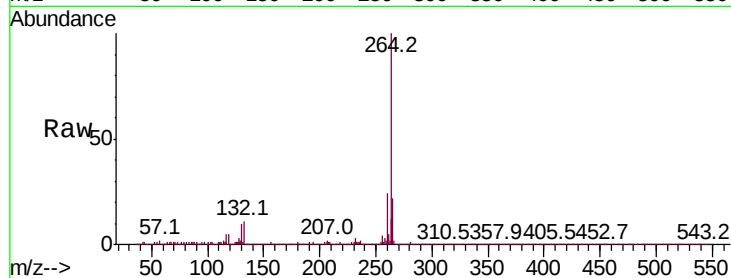




#87
Pervlene-d12
Concen: 20.000 ng
RT: 20.99 min Scan# 3214
Delta R.T. -0.00 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Instrument :
BNA_P
ClientSampleId :
MW-14DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	21.7	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

