

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
 Data File : BP001288.D
 Acq On : 10 Dec 2019 00:13
 Operator : JU
 Sample : K6174-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WATER-COMP

Quant Time: Dec 10 08:48:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

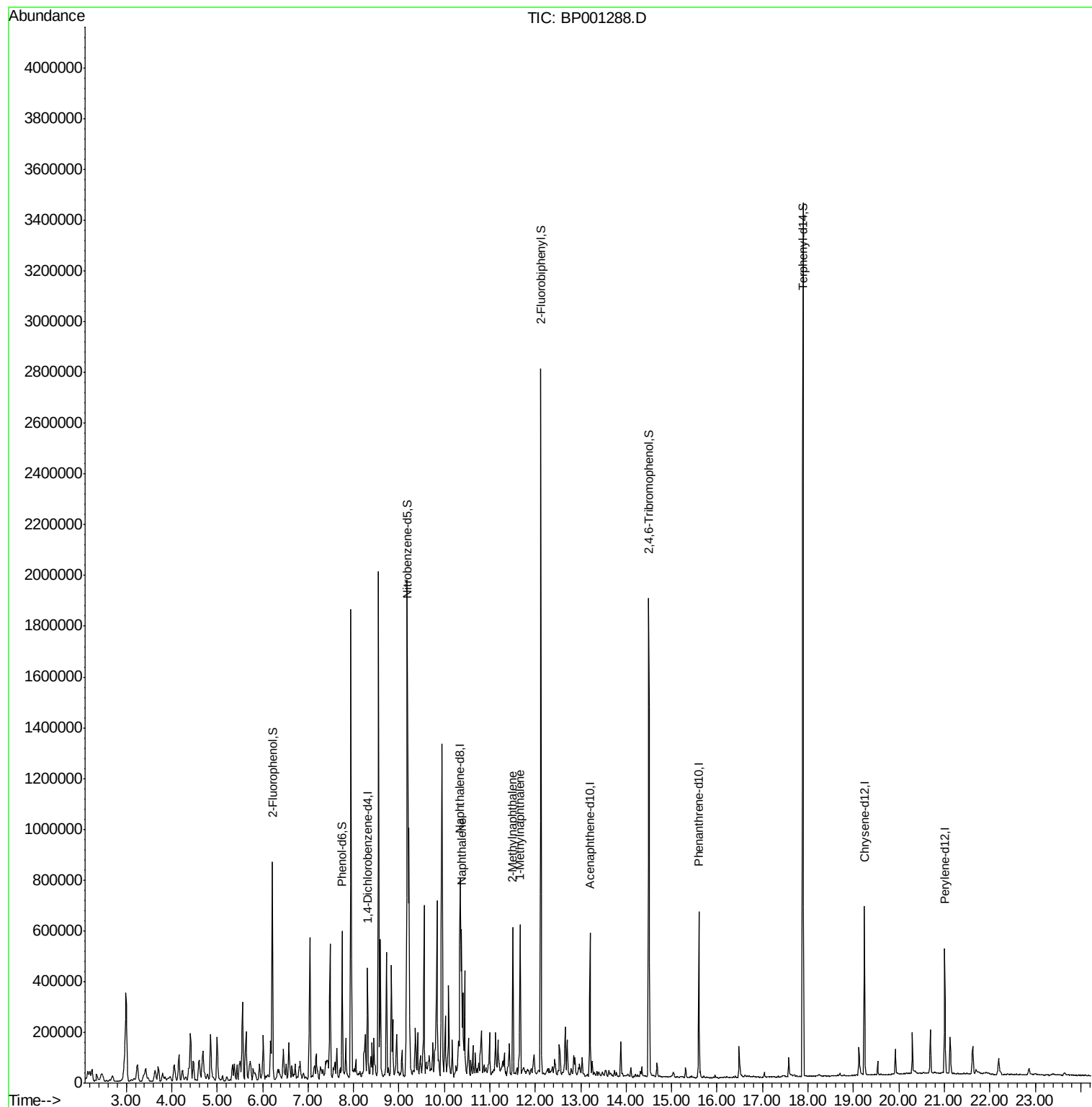
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	70171	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	249803	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	144701	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	283297	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	239867	20.00	ng	-0.02
87) Perylene-d12	21.02	264	255682	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	247790	58.59	ng	0.00
7) Phenol-d6	7.75	99	191844	34.05	ng	-0.01
23) Nitrobenzene-d5	9.19	82	631769	109.73	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	249279	179.73	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	1047234	105.92	ng	-0.01
79) Terphenyl-d14	17.89	244	1360540	104.94	ng	0.00
Target Compounds						
31) Naphthalene	10.38	128	291978	22.886	ng	99
37) 2-Methylnaphthalene	11.50	142	170135	19.543	ng	96
38) 1-Methylnaphthalene	11.66	142	164610	20.017	ng	99

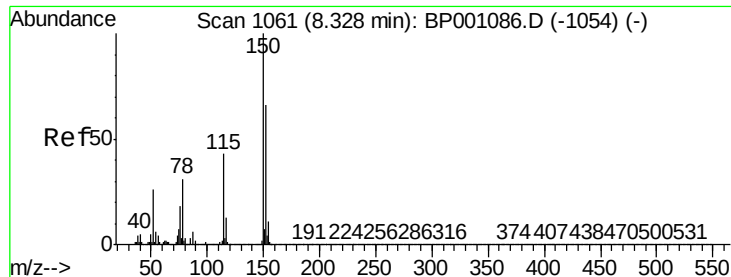
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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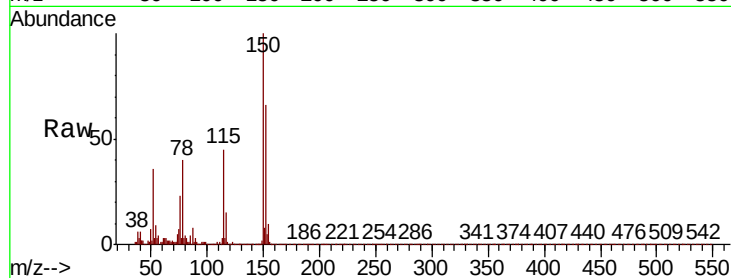




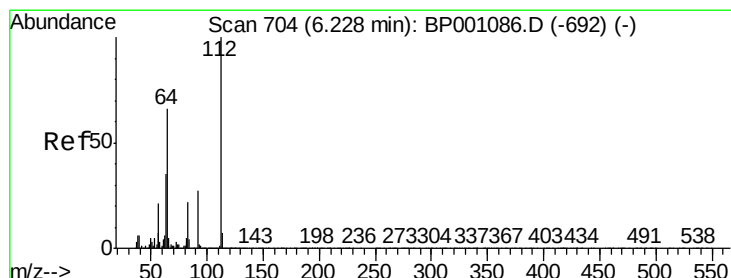
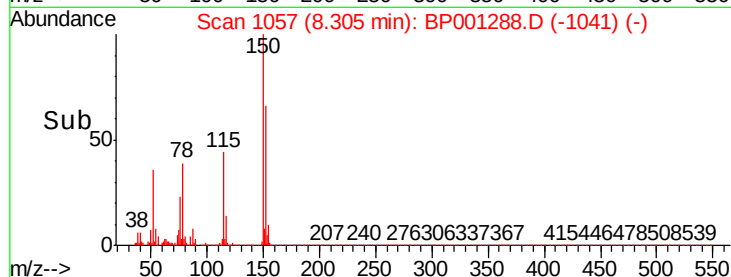
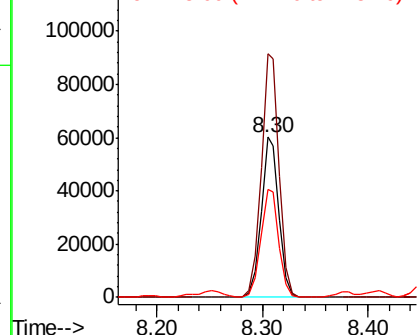
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BP001288.D
 Acq: 10 Dec 2019 00:13

Instrument :
 BNA_P
 ClientSampleId :
 WATER-COMP

Tot Ion:152 Resp: 70171
 Ion Ratio Lower Upper
 152 100
 150 152.0 127.3 190.9
 115 67.7 56.0 84.0

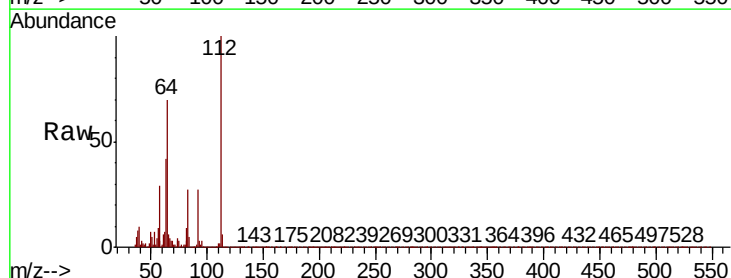


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

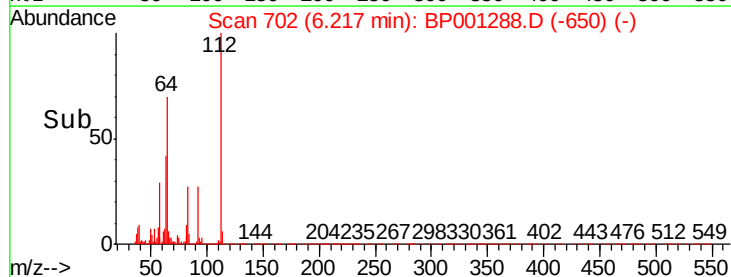
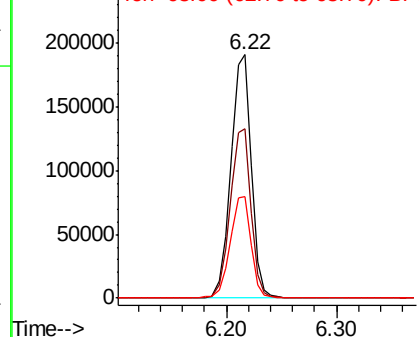


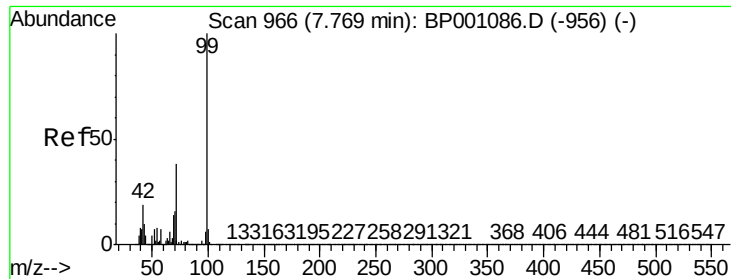
#5
 2-Fluorophenol
 Concen: 58.586 ng
 RT: 6.22 min Scan# 702
 Delta R.T. 0.01 min
 Lab File: BP001288.D
 Acq: 10 Dec 2019 00:13

Tgt Ion:112 Resp: 247790
 Ion Ratio Lower Upper
 112 100
 64 69.5 56.8 85.2
 63 41.8 32.2 48.2



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: 34.047 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BP001288.D

Acq: 10 Dec 2019 00:13

Instrument :

BNA_P

ClientSampleId :

WATER-COMP

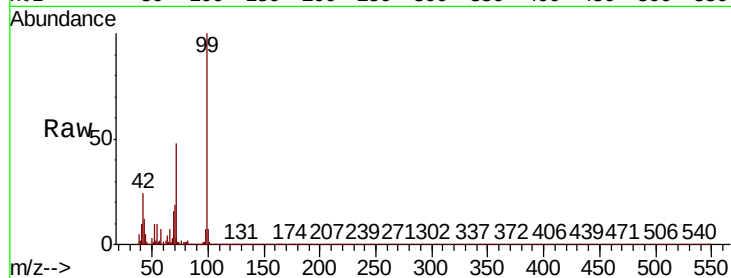
Tot Ion: 99 Resp: 191844

Ion Ratio Lower Upper

99 100

42 24.1 17.6 26.4

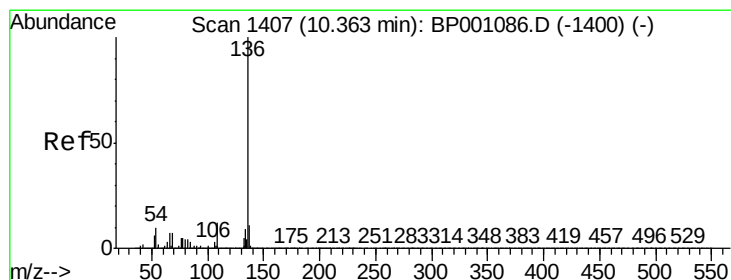
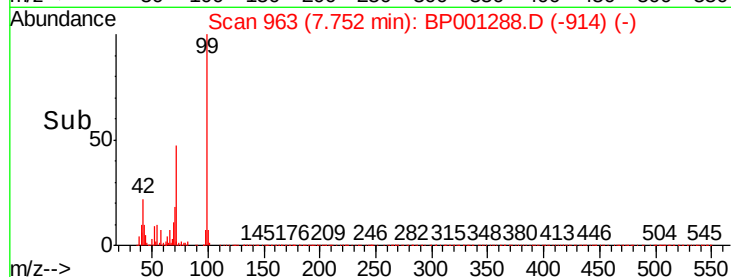
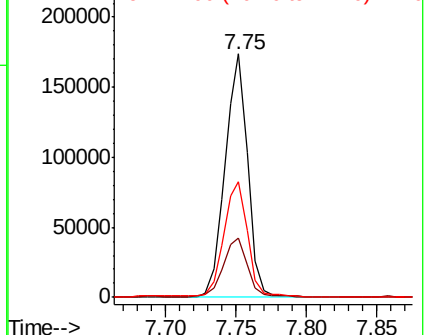
71 47.5 33.8 50.8



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BP001288.D

Acq: 10 Dec 2019 00:13

Tgt Ion: 136 Resp: 249803

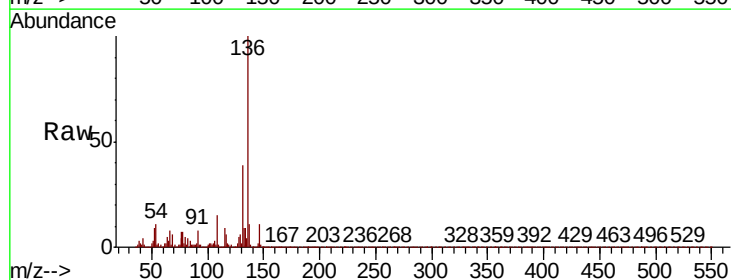
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 10.6 7.4 11.0

68 5.8 4.6 7.0

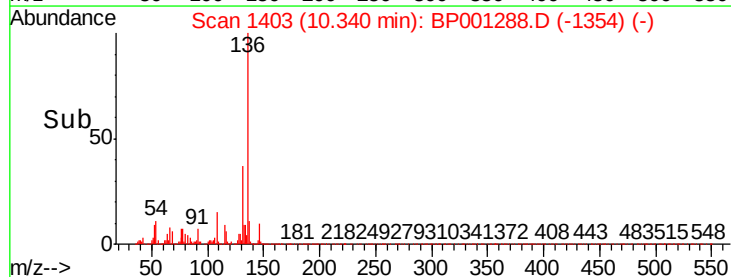
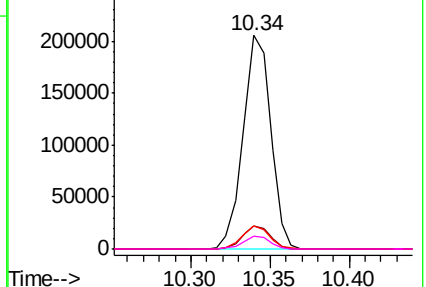


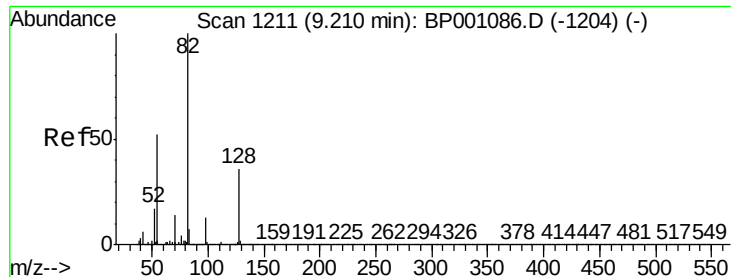
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

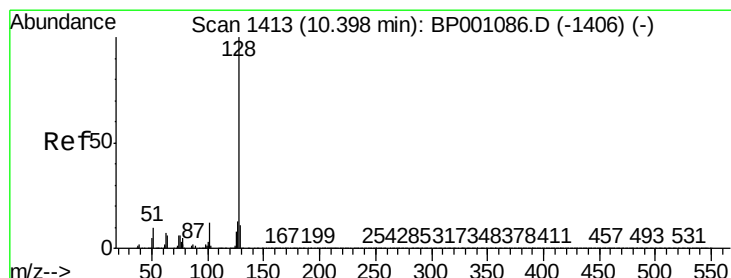
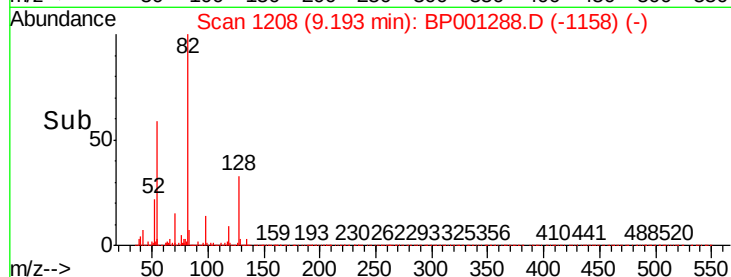
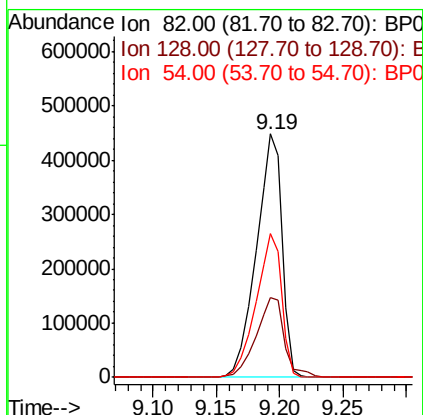
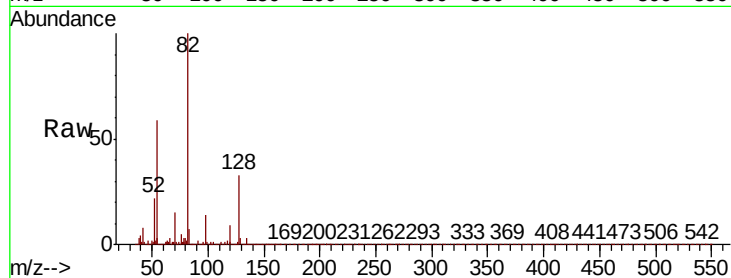




#23
Nitrobenzene-d5
Concen: 109.726 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001288.D
Acq: 10 Dec 2019 00:13

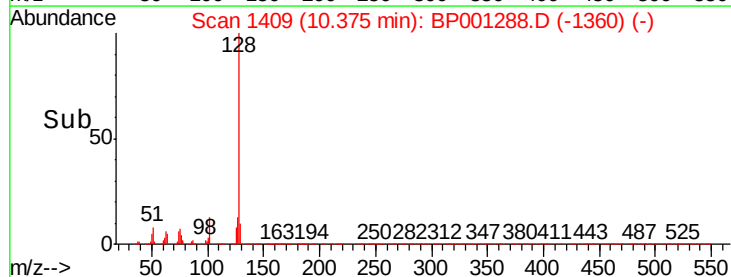
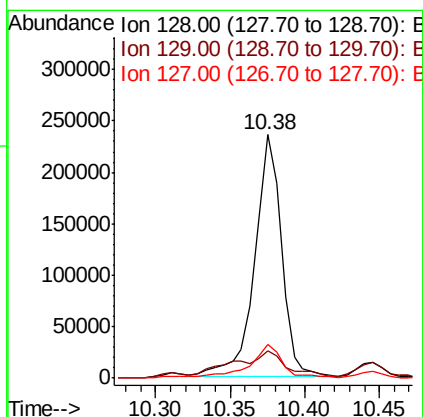
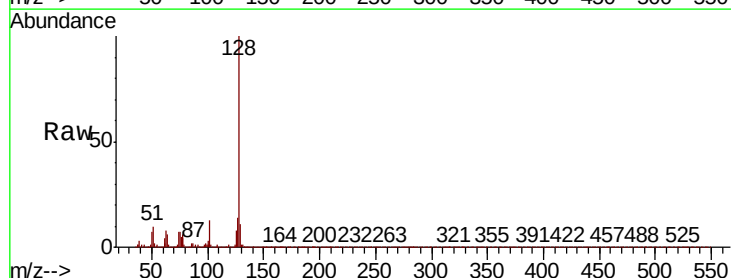
Instrument :
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ClientSampleId :
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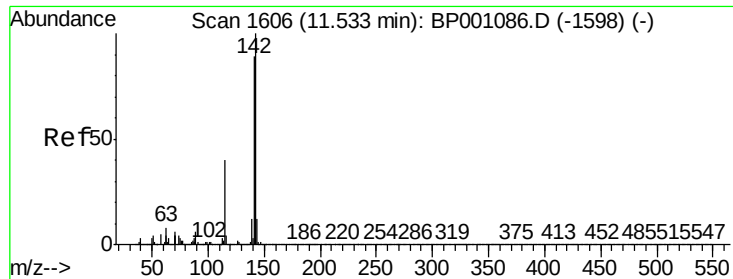
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.0	27.5	41.3
54	59.1	45.7	68.5



#31
Naphthalene
Concen: 22.886 ng
RT: 10.38 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BP001288.D
Acq: 10 Dec 2019 00:13

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.3	12.5
127	13.7	10.6	16.0

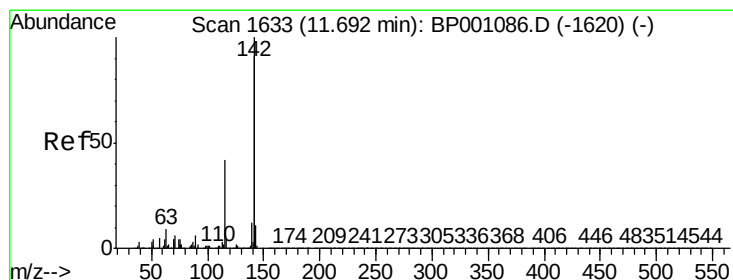
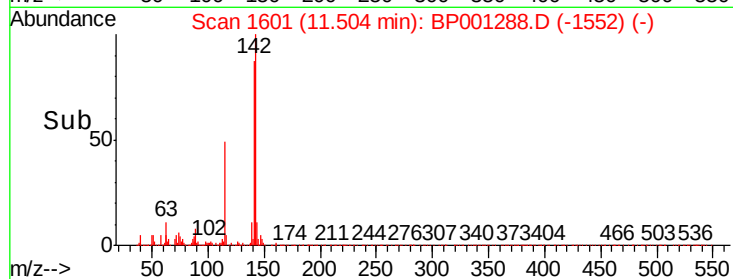
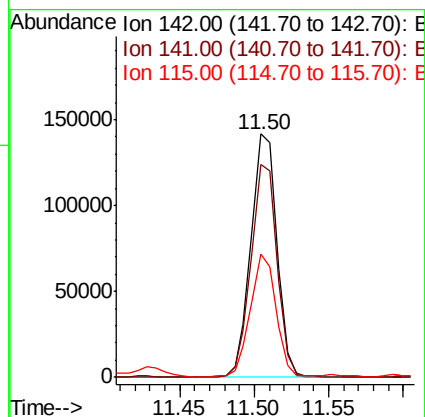
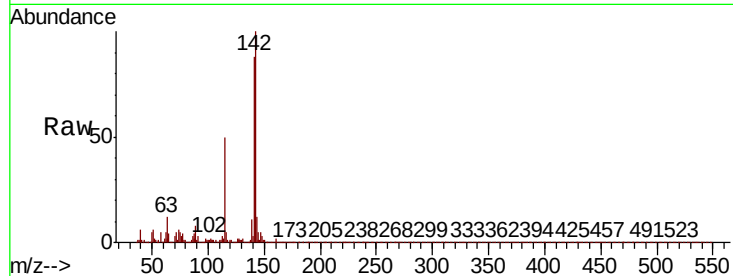




#37
2-Methylnaphthalene
Concen: 19.543 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BP001288.D
Acq: 10 Dec 2019 00:13

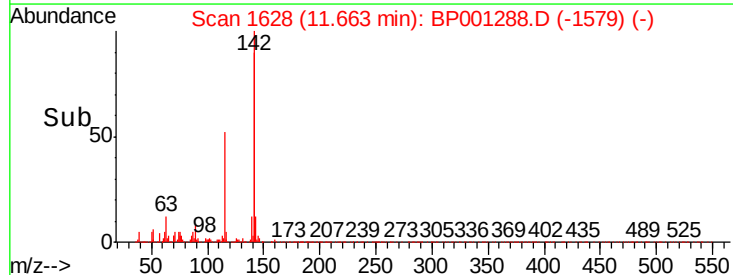
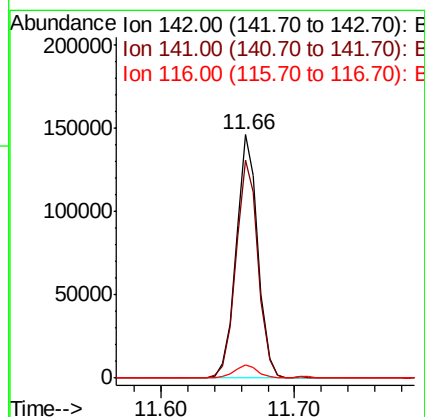
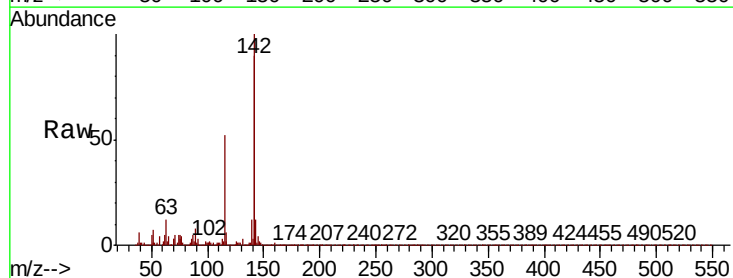
Instrument :
BNA_P
ClientSampleId :
WATER-COMP

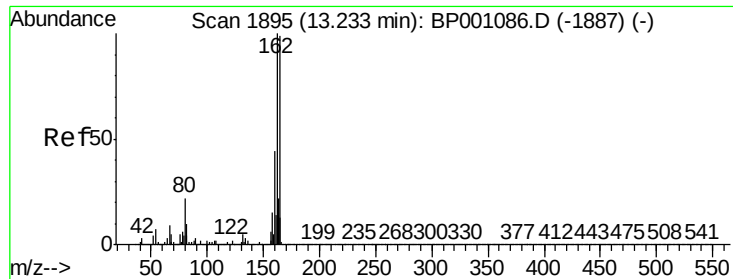
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.6	107.4
115	50.5	36.0	54.0



#38
1-Methylnaphthalene
Concen: 20.017 ng
RT: 11.66 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BP001288.D
Acq: 10 Dec 2019 00:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.7	109.1
116	5.6	3.8	5.6

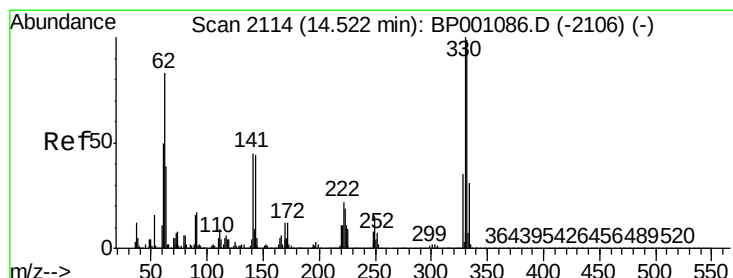
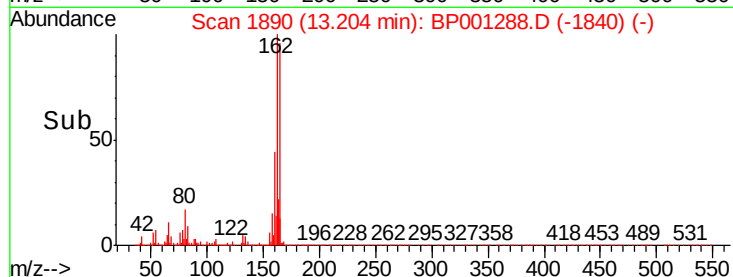
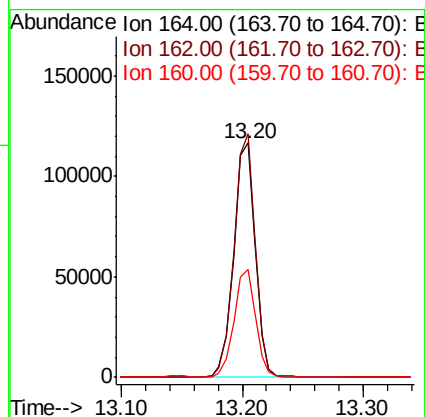
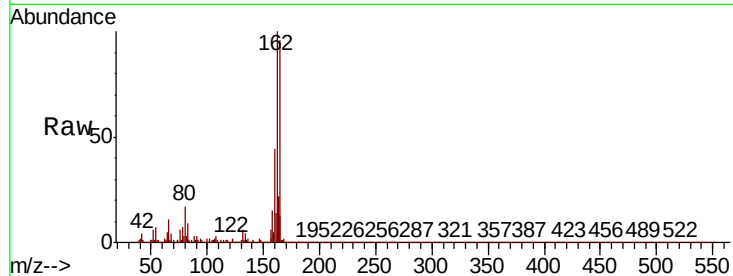




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001288.D
Acq: 10 Dec 2019 00:13

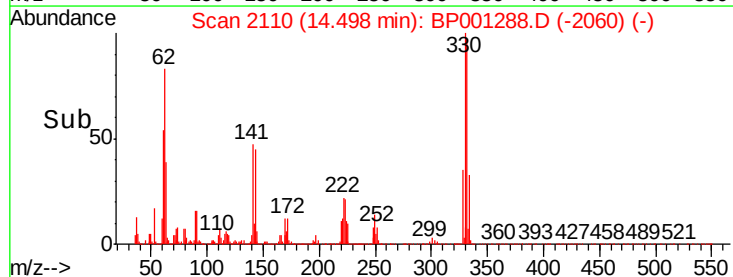
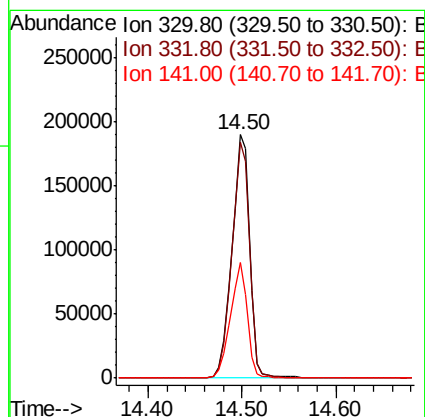
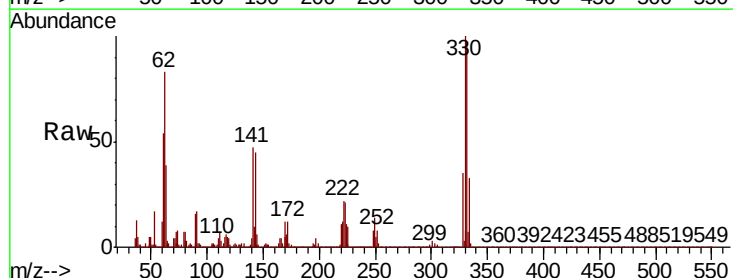
Instrument :
BNA_P
ClientSampleId :
WATER-COMP

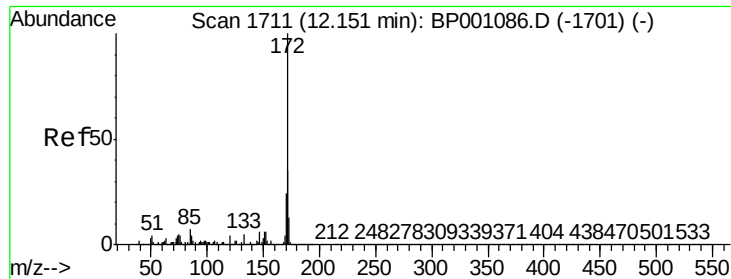
Tot Ion:164 Resp: 144701
Ion Ratio Lower Upper
164 100
162 103.8 80.7 121.1
160 46.0 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 179.731 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001288.D
Acq: 10 Dec 2019 00:13

Tgt Ion:330 Resp: 249279
Ion Ratio Lower Upper
330 100
332 96.9 79.1 118.7
141 44.9 35.9 53.9

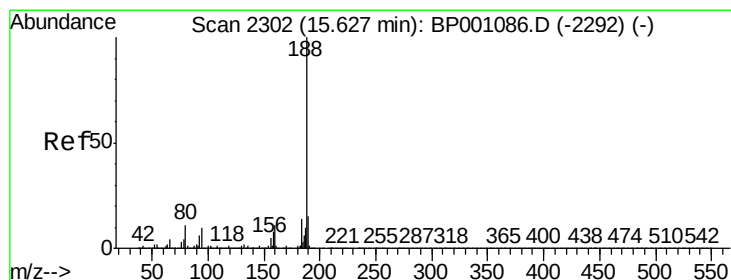
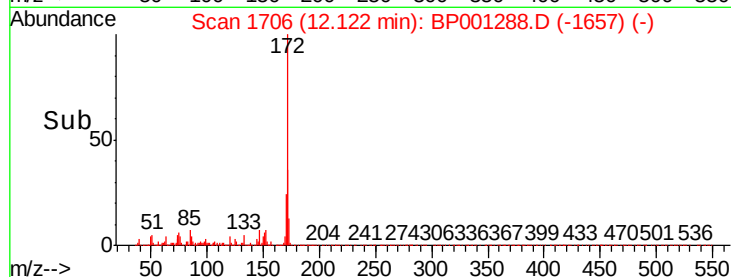
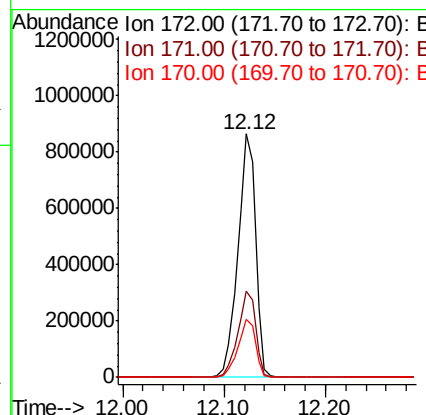
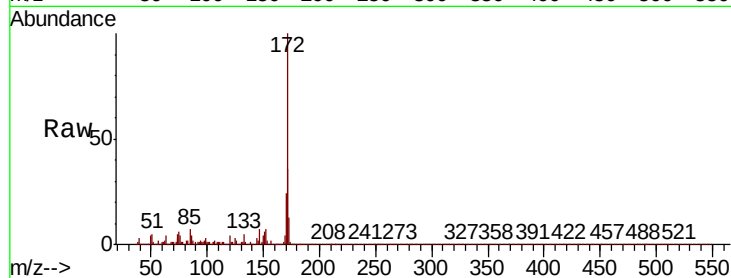




#45
 2-Fluorobiphenyl
 Concen: 105.922 ng
 RT: 12.12 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BP001288.D
 Acq: 10 Dec 2019 00:13

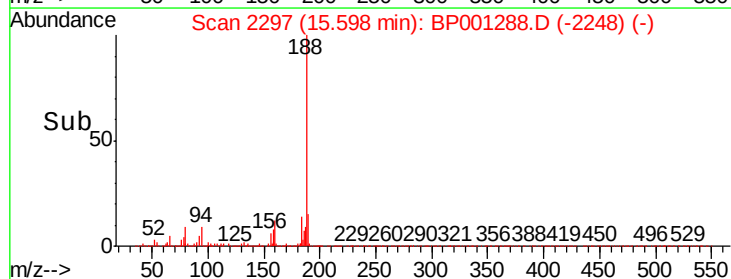
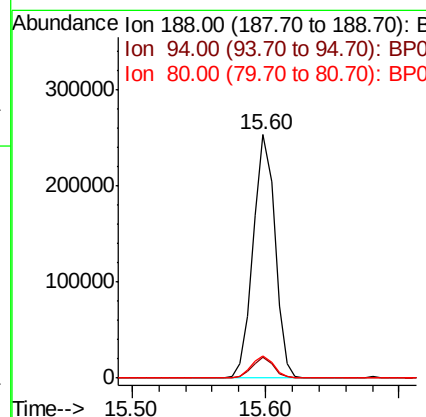
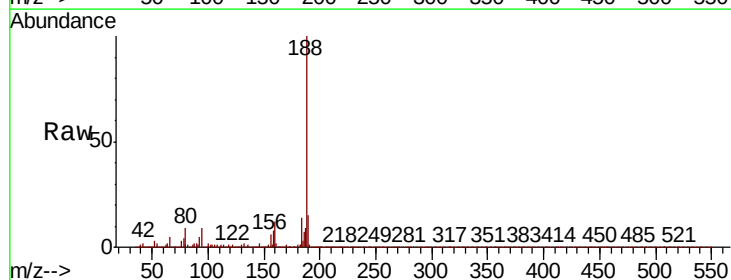
Instrument :
 BNA_P
 ClientSampleId :
 WATER-COMP

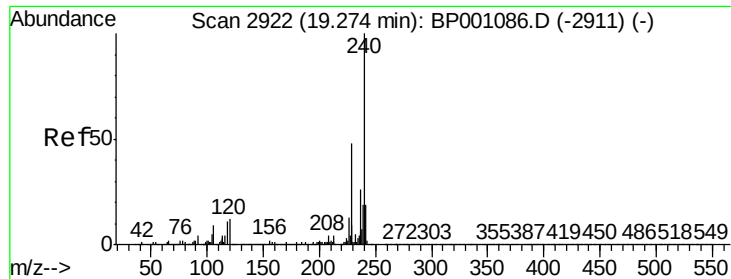
Tot Ion:172 Resp: 1047234
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.7 43.1
 170 23.6 19.2 28.8



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 15.60 min Scan# 2297
 Delta R.T. -0.01 min
 Lab File: BP001288.D
 Acq: 10 Dec 2019 00:13

Tgt Ion:188 Resp: 283297
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.1 10.7
 80 9.3 7.8 11.6

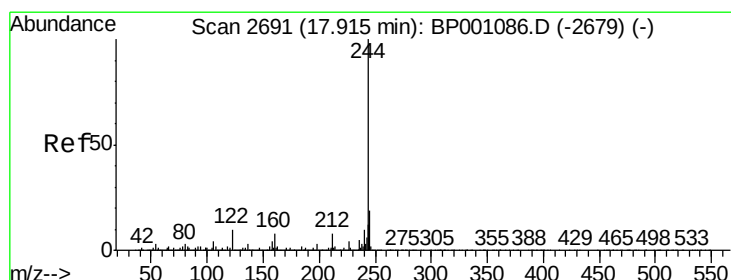
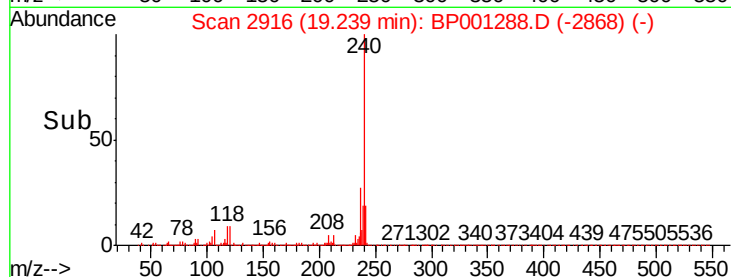
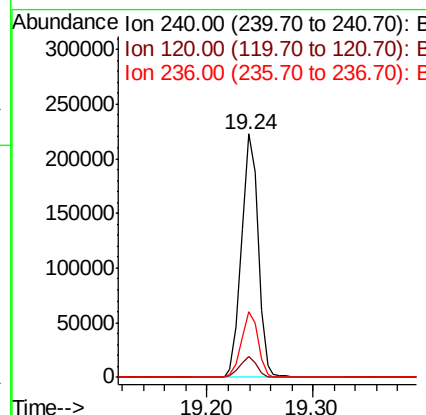
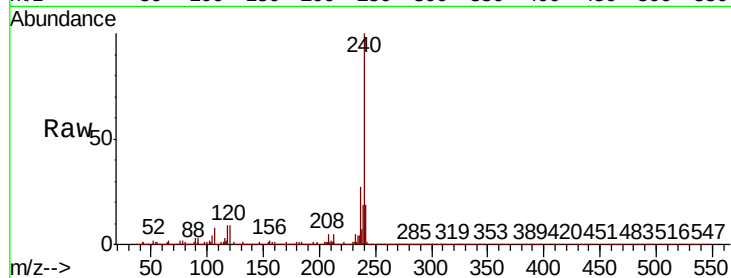




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.24 min Scan# 2916
Delta R.T. -0.02 min
Lab File: BP001288.D
Acq: 10 Dec 2019 00:13

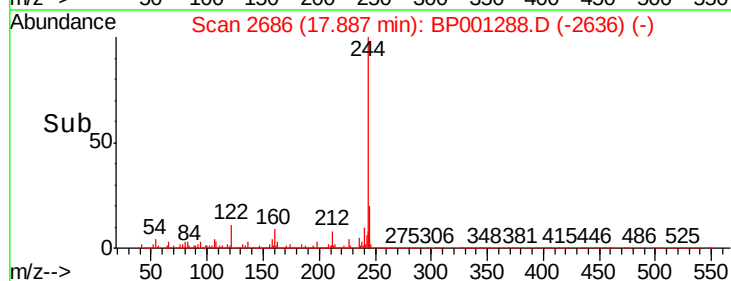
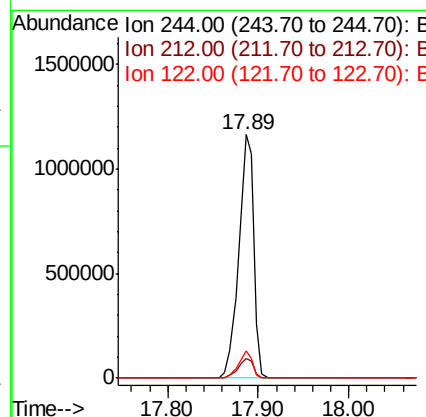
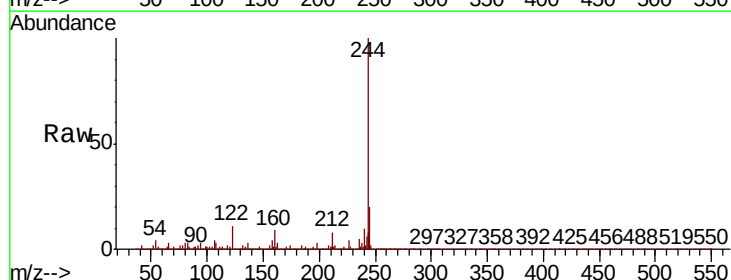
Instrument :
BNA_P
ClientSampleId :
WATER-COMP

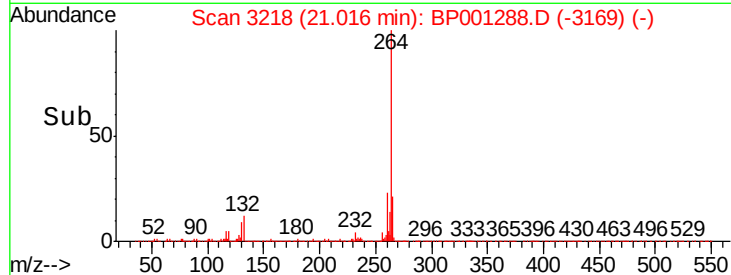
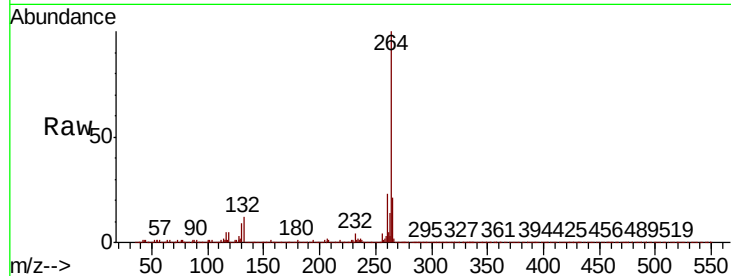
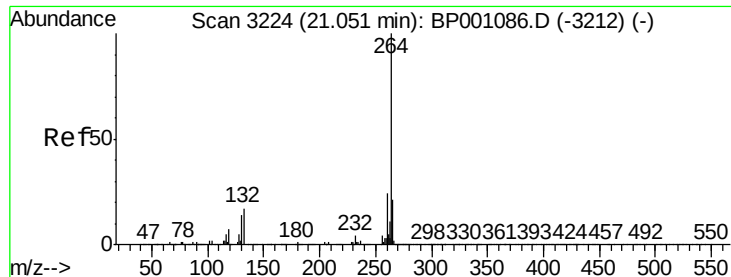
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.0	10.6
236	26.7	21.7	32.5



#79
Terphenyl-d14
Concen: 104.938 ng
RT: 17.89 min Scan# 2686
Delta R.T. -0.01 min
Lab File: BP001288.D
Acq: 10 Dec 2019 00:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	9.8
122	11.3	9.2	13.8





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 21.02 min Scan# 3218
 Delta R.T. -0.01 min
 Lab File: BP001288.D
 Acq: 10 Dec 2019 00:13

Instrument :
 BNA_P
 ClientSampleId :
 WATER-COMP

Tot Ion:	264	Resp:	255682
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.4	29.0
265	21.5	17.1	25.7

