

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
 Data File : BP001369.D
 Acq On : 23 Dec 2019 16:08
 Operator : JU
 Sample : K6372-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-2

Quant Time: Dec 24 10:06:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 03:20:39 2019
 Response via : Initial Calibration

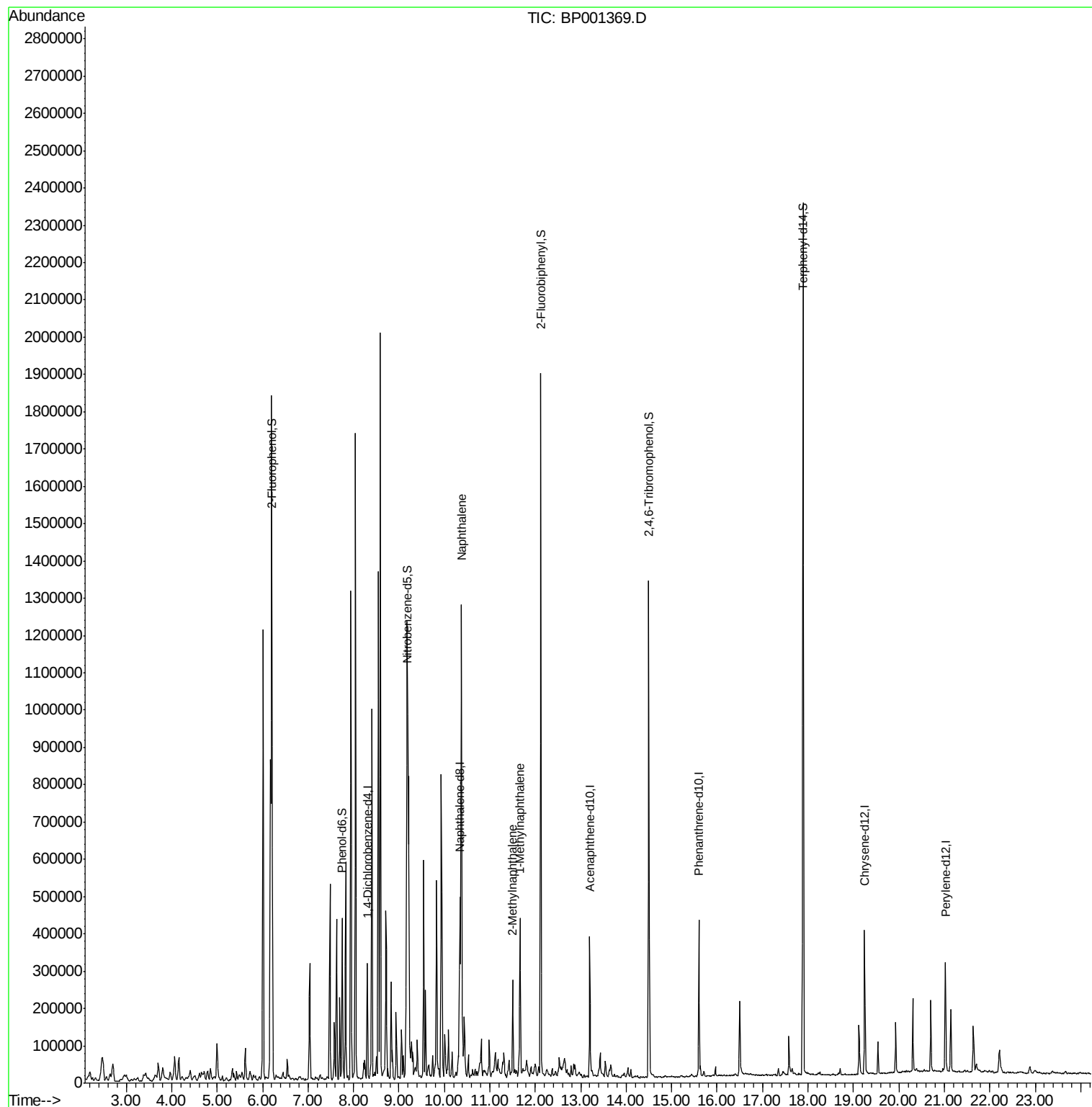
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	51956	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	177595	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	100153	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	192732	20.00	ng	0.00
76) Chrysene-d12	19.25	240	153058	20.00	ng	0.00
87) Perylene-d12	21.03	264	160669	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	184267	57.32	ng	0.01
7) Phenol-d6	7.75	99	141742	33.79	ng	0.00
23) Nitrobenzene-d5	9.19	82	408518	88.33	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	173782	138.79	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	708726	89.48	ng	0.00
79) Terphenyl-d14	17.89	244	867581	97.08	ng	0.00
Target Compounds						
31) Naphthalene	10.37	128	627320	64.710	ng	99
37) 2-Methylnaphthalene	11.50	142	75988	11.354	ng	100
38) 1-Methylnaphthalene	11.66	142	111765	17.763	ng	99

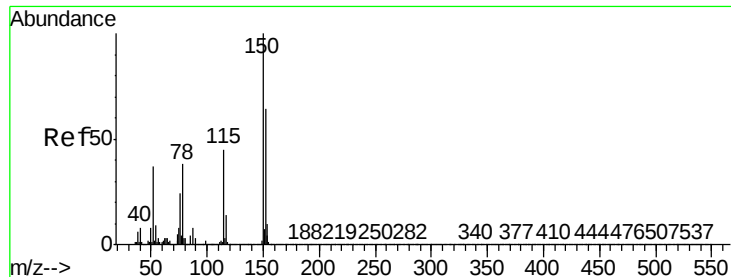
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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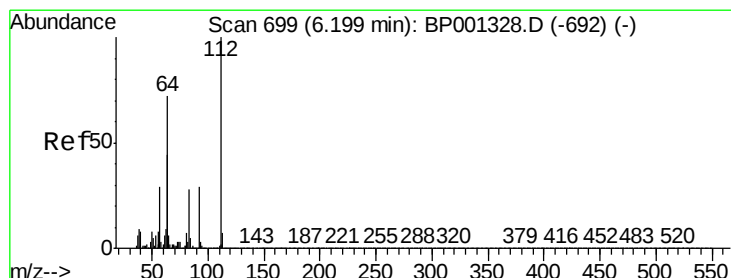
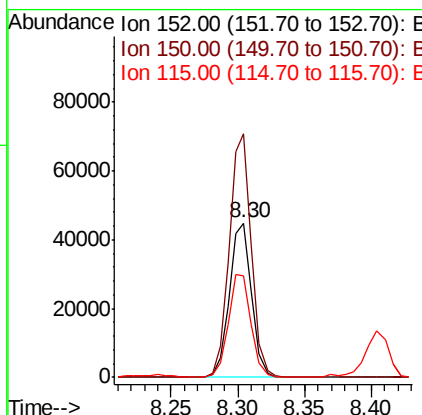
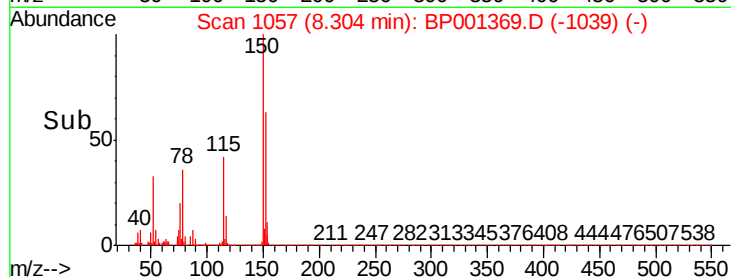
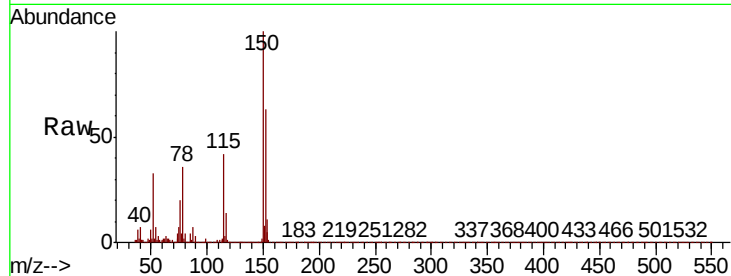




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. 0.01 min
 Lab File: BP001369.D
 Acq: 23 Dec 2019 16:08

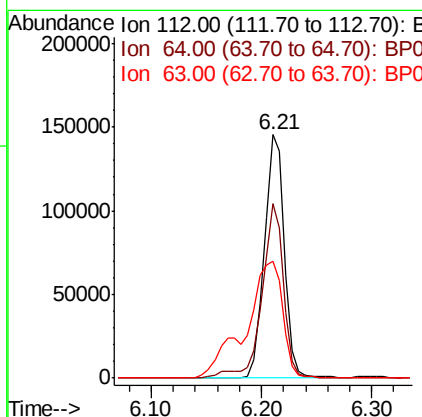
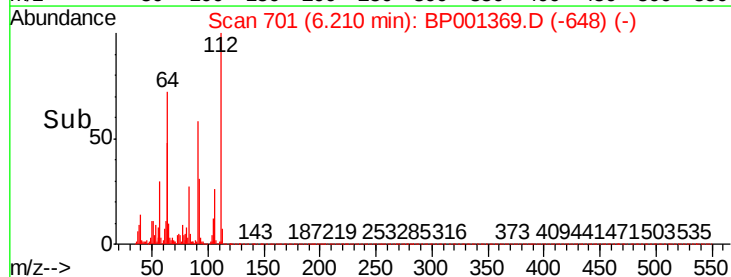
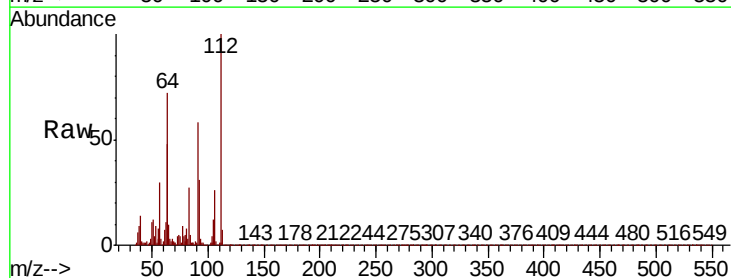
Instrument :
 BNA_P
 ClientSampleId :
 MW-2

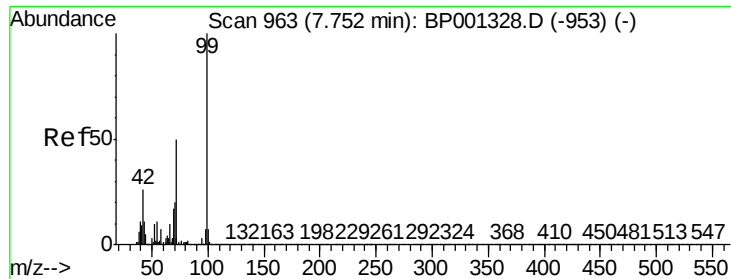
Tot Ion:	152	Resp:	51956
Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.0	186.0
115	65.9	59.3	88.9



#5
 2-Fluorophenol
 Concen: 57.320 ng
 RT: 6.21 min Scan# 701
 Delta R.T. 0.01 min
 Lab File: BP001369.D
 Acq: 23 Dec 2019 16:08

Tgt Ion:	112	Resp:	184267
Ion	Ratio	Lower	Upper
112	100		
64	71.6	57.6	86.4
63	48.1	35.1	52.7





#7

Phenol-d6

Concen: 33.790 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BP001369.D

Acq: 23 Dec 2019 16:08

Instrument :

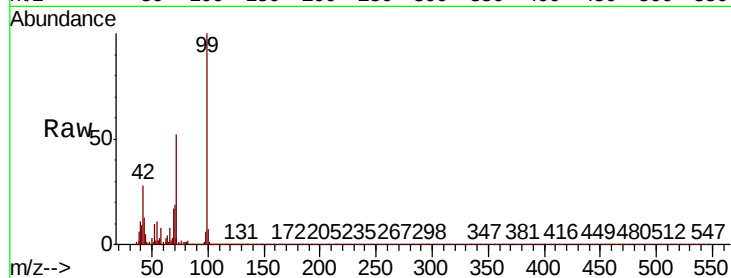
BNA_P

ClientSampleId :

MW-2

Tot Ion: 99 Resp: 141742

Ion	Ratio	Lower	Upper
99	100		
42	27.8	20.9	31.3
71	52.2	40.0	60.0

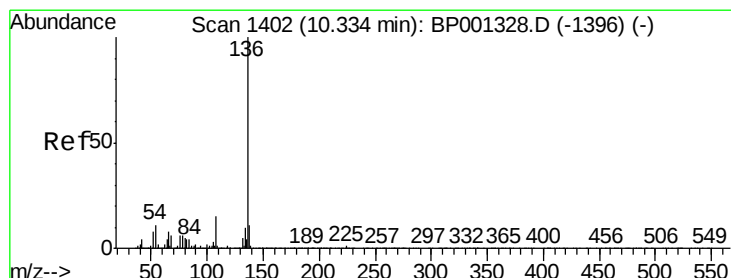
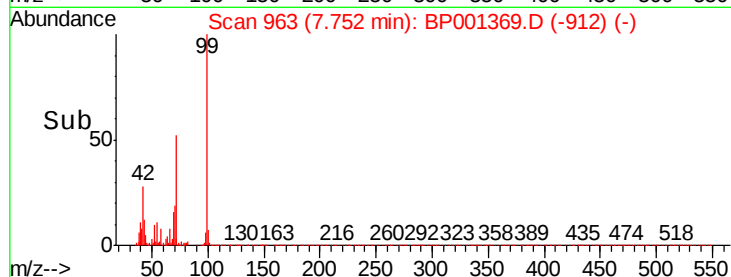
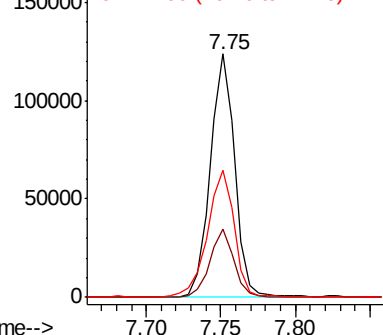


Abundance

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

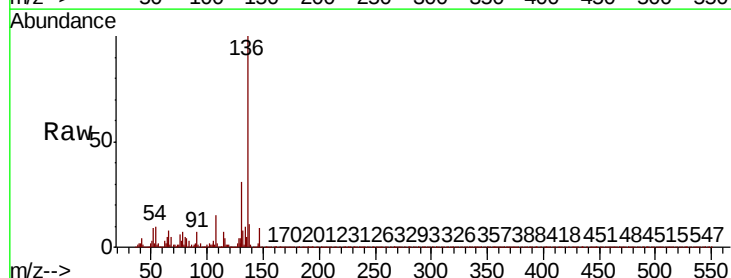
Delta R.T. 0.01 min

Lab File: BP001369.D

Acq: 23 Dec 2019 16:08

Tgt Ion: 136 Resp: 177595

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	10.0	8.8	13.2
68	5.4	4.6	6.8



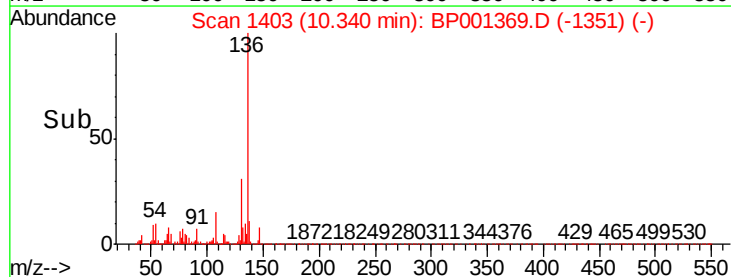
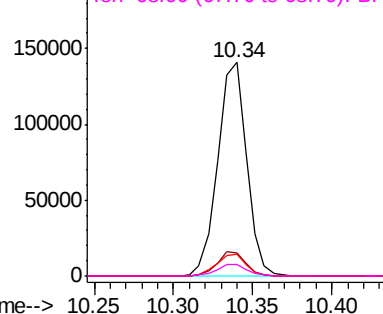
Abundance

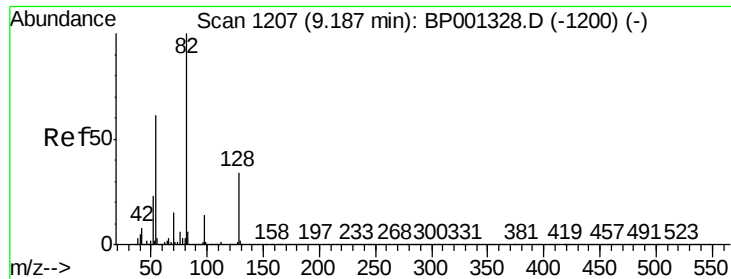
Ion 136.00 (135.70 to 136.70): E

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

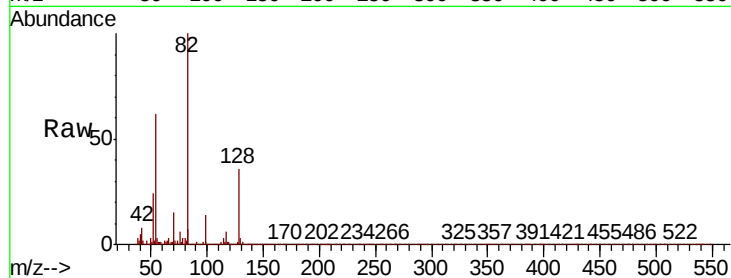




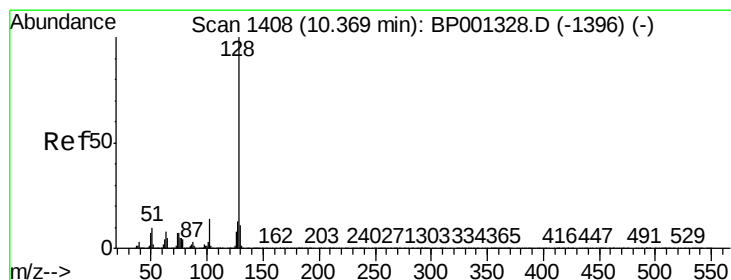
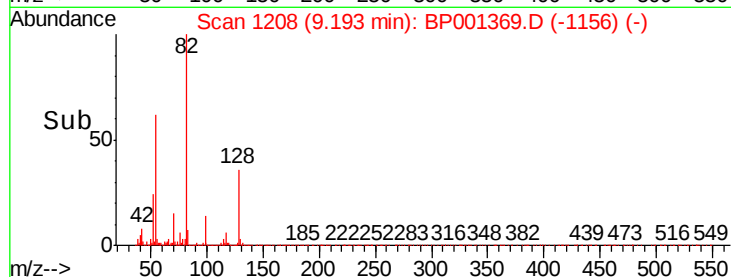
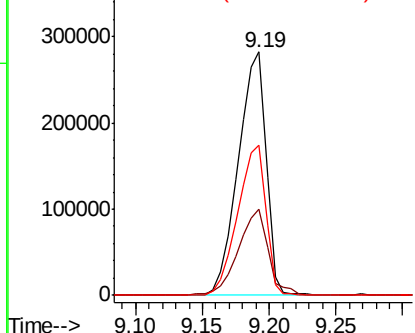
#23
 Nitrobenzene-d5
 Concen: 88.334 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BP001369.D
 Acq: 23 Dec 2019 16:08

Instrument :
 BNA_P
 ClientSampleId :
 MW-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.6	27.0	40.4
54	61.6	49.0	73.4

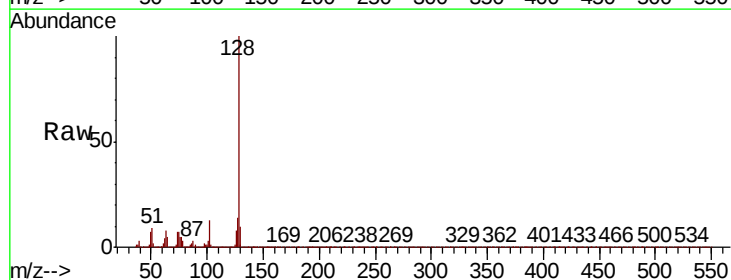


Abundance Ion 82.00 (81.70 to 82.70): BP0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BP0

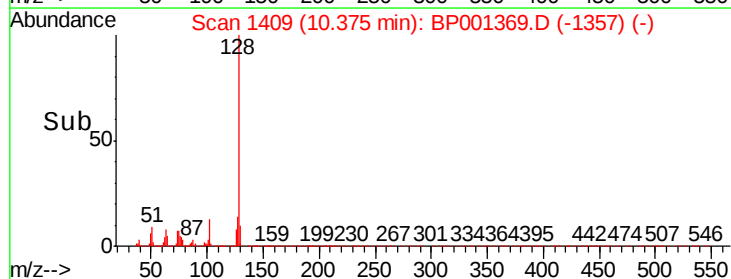
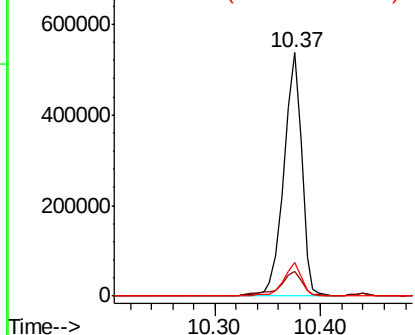


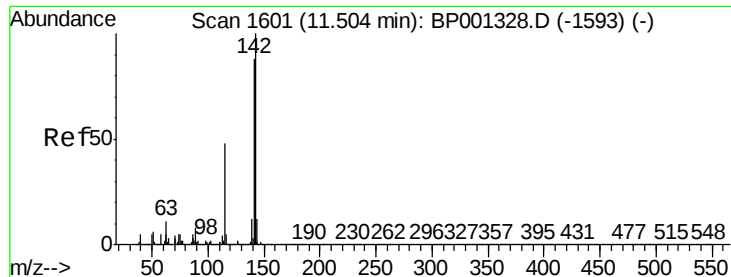
#31
 Naphthalene
 Concen: 64.710 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. 0.01 min
 Lab File: BP001369.D
 Acq: 23 Dec 2019 16:08

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.9	13.3
127	13.6	10.7	16.1



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

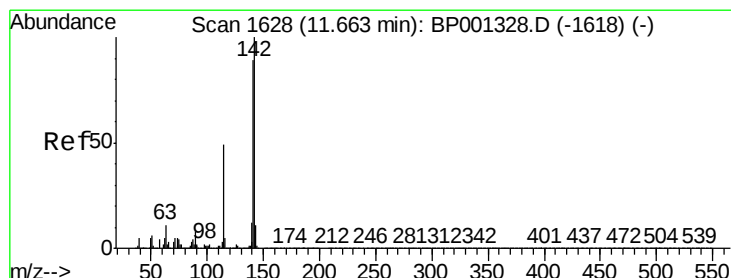
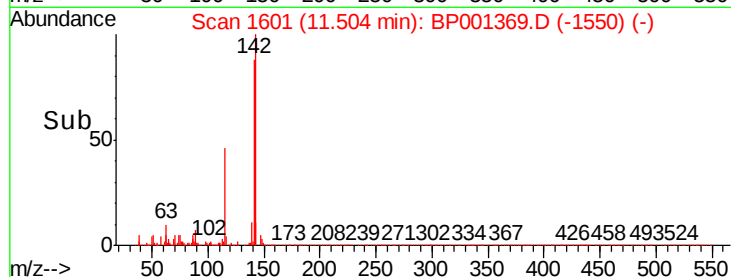
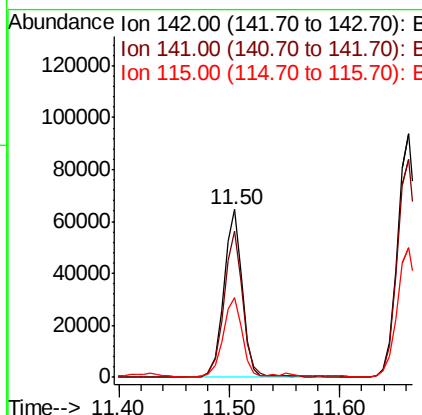
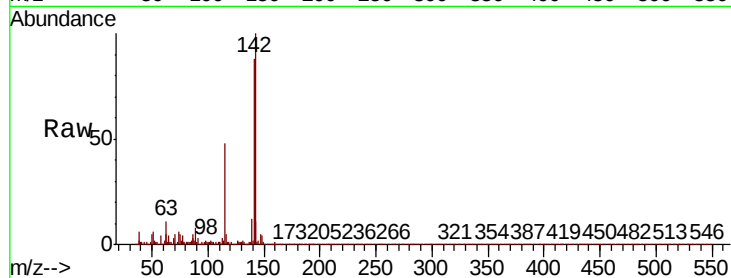




#37
2-Methylnaphthalene
Concen: 11.354 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BP001369.D
Acq: 23 Dec 2019 16:08

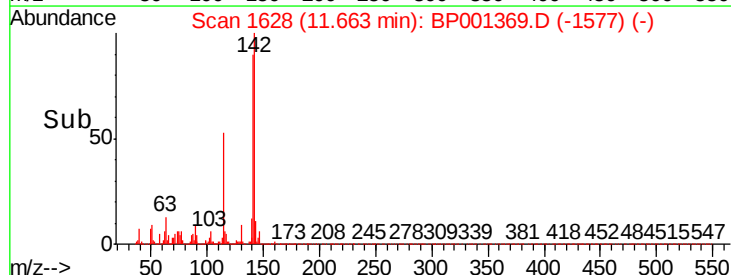
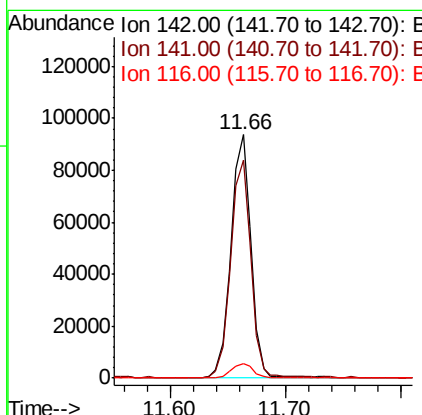
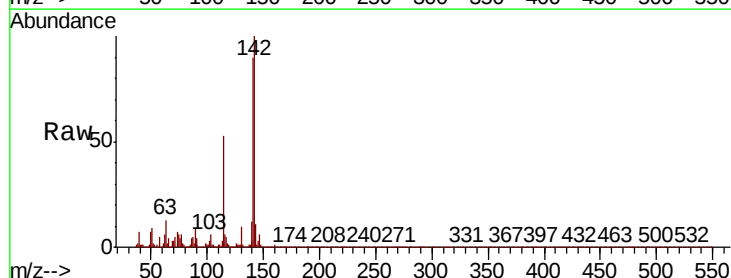
Instrument :
BNA_P
ClientSampleId :
MW-2

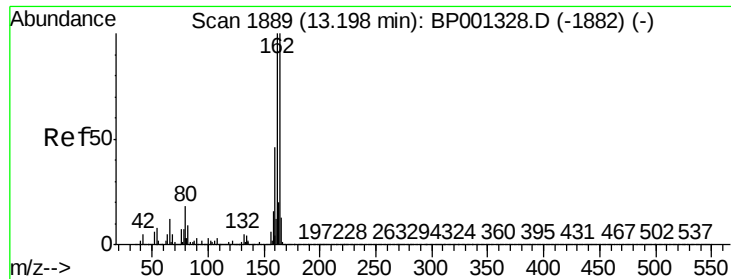
Tot Ion:142 Resp: 75988
Ion Ratio Lower Upper
142 100
141 87.7 70.2 105.4
115 47.8 38.7 58.1



#38
1-Methylnaphthalene
Concen: 17.763 ng
RT: 11.66 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BP001369.D
Acq: 23 Dec 2019 16:08

Tgt Ion:142 Resp: 111765
Ion Ratio Lower Upper
142 100
141 89.8 71.3 106.9
116 6.1 4.2 6.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.20 min Scan# 1889

Delta R.T. -0.00 min

Lab File: BP001369.D

Acq: 23 Dec 2019 16:08

Instrument :

BNA_P

ClientSampled :

MW-2

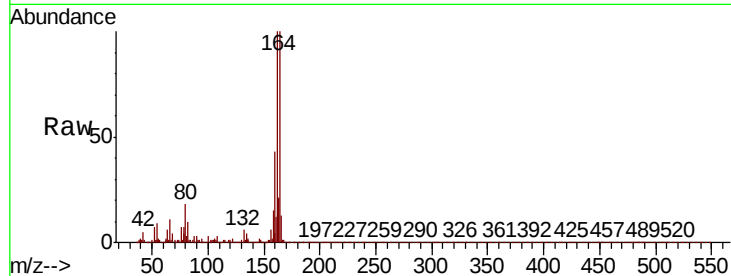
Tot Ion:164 Resp: 100153

Ion Ratio Lower Upper

164 100

162 100.1 80.3 120.5

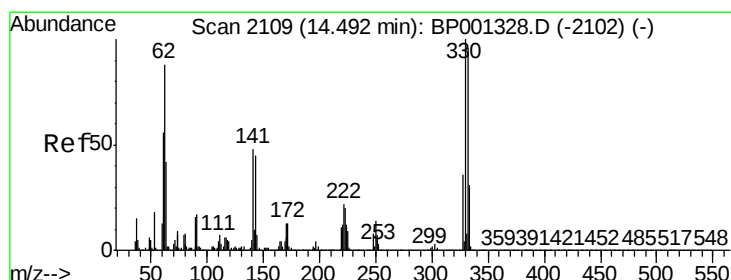
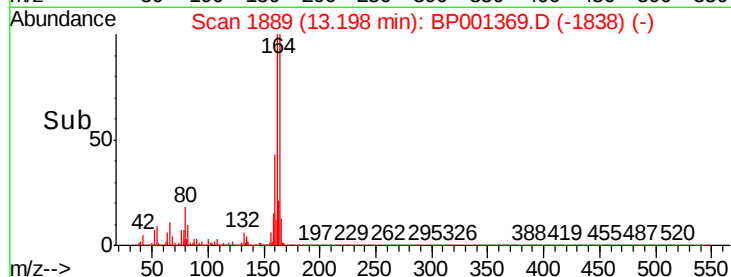
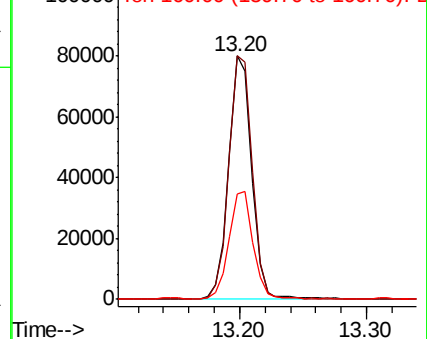
160 43.1 36.6 54.8



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: 138.788 ng

RT: 14.50 min Scan# 2110

Delta R.T. 0.01 min

Lab File: BP001369.D

Acq: 23 Dec 2019 16:08

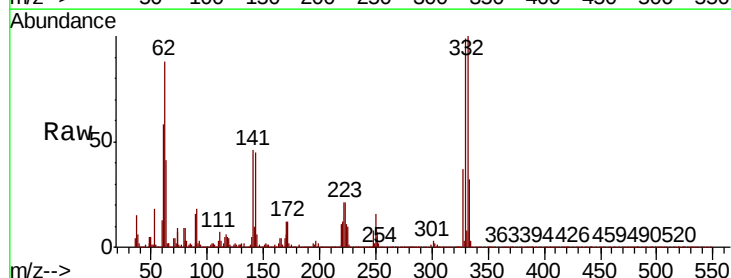
Tgt Ion:330 Resp: 173782

Ion Ratio Lower Upper

330 100

332 97.4 78.7 118.1

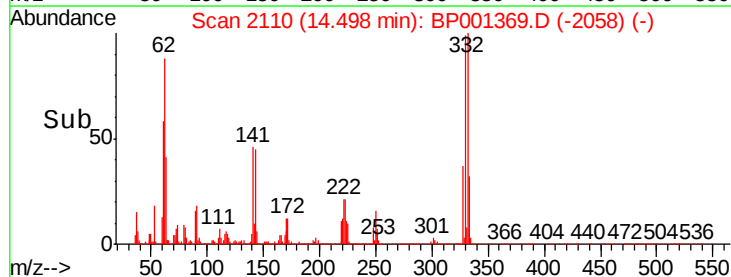
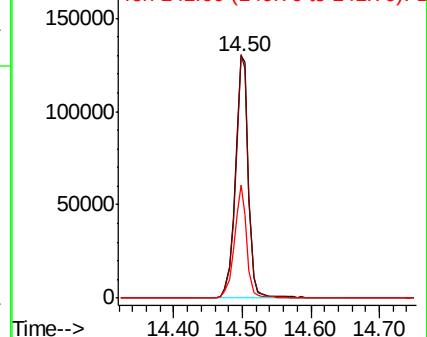
141 44.0 36.2 54.4

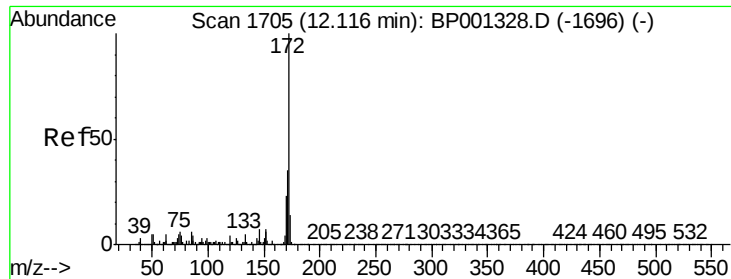


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

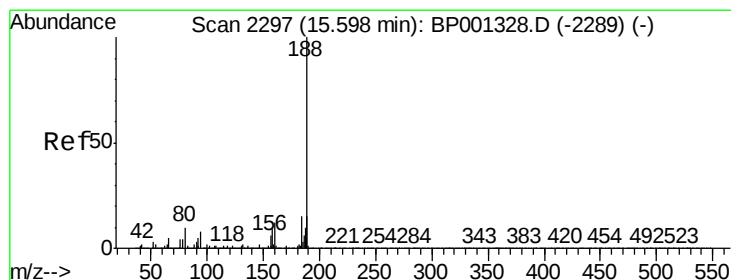
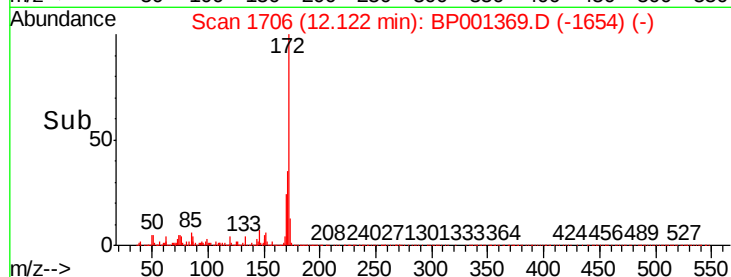
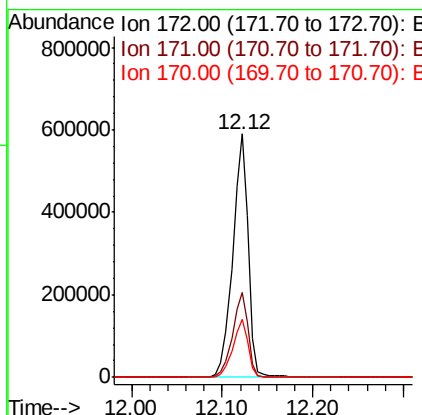
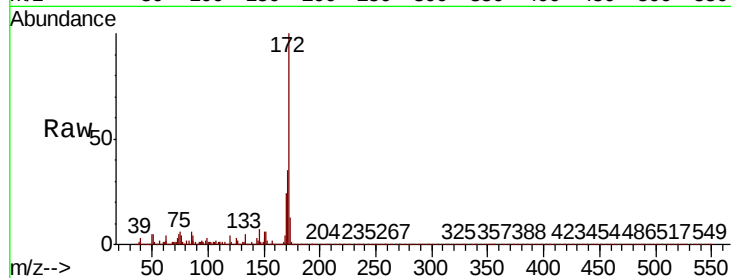




#45
 2-Fluorobiphenyl
 Concen: 89.481 ng
 RT: 12.12 min Scan# 1706
 Delta R.T. 0.01 min
 Lab File: BP001369.D
 Acq: 23 Dec 2019 16:08

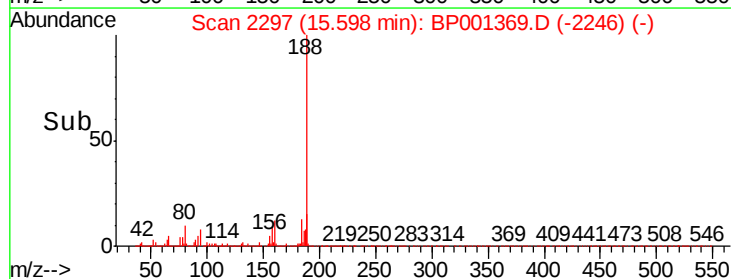
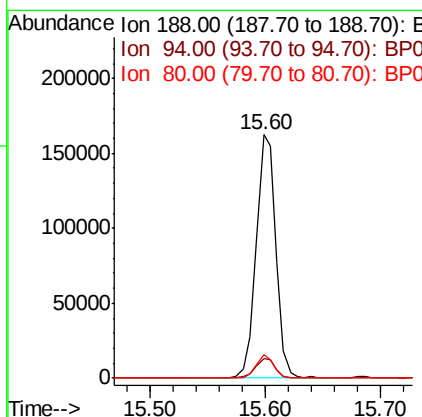
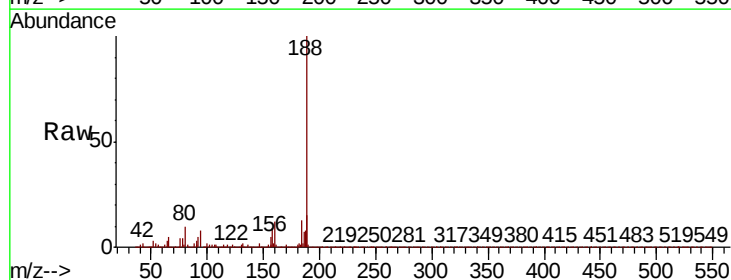
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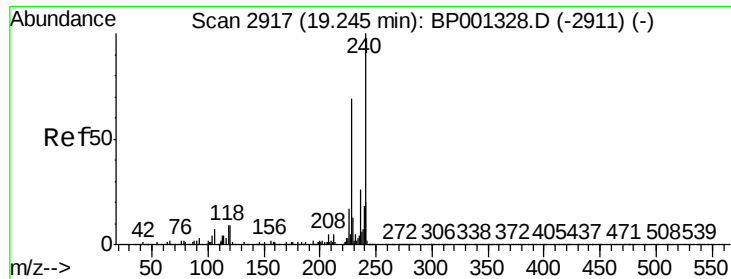
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.7	41.5
170	23.8	18.6	28.0



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 15.60 min Scan# 2297
 Delta R.T. -0.00 min
 Lab File: BP001369.D
 Acq: 23 Dec 2019 16:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.6	10.0
80	9.6	7.8	11.6

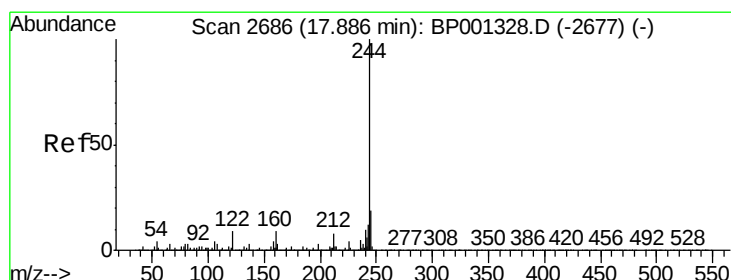
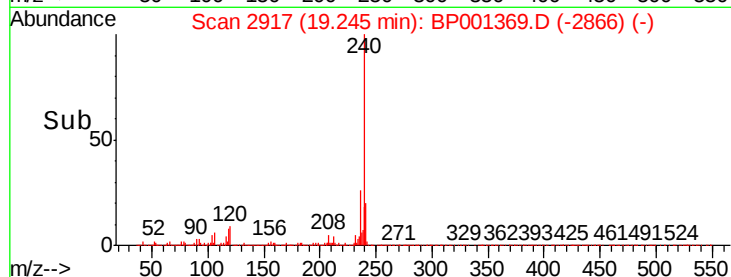
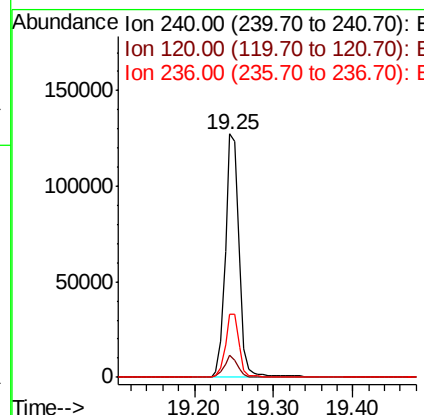
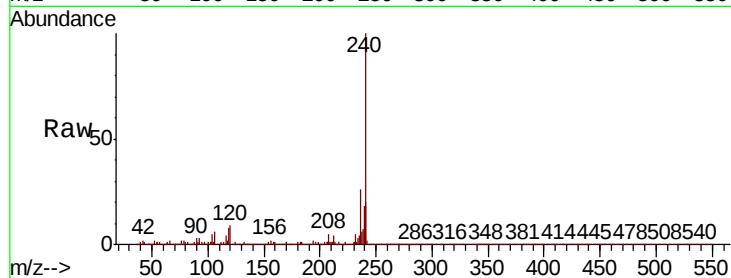




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2917
Delta R.T. -0.00 min
Lab File: BP001369.D
Acq: 23 Dec 2019 16:08

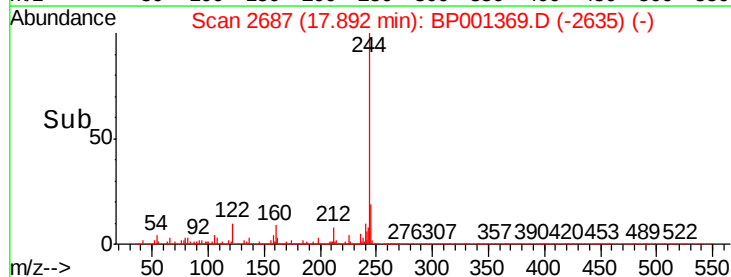
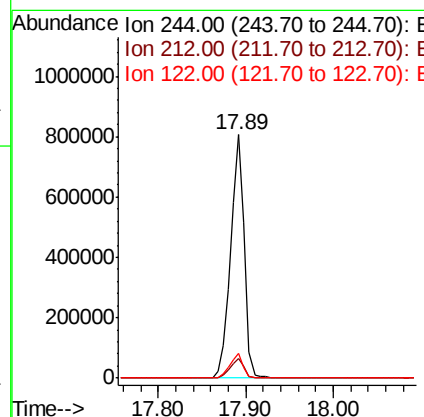
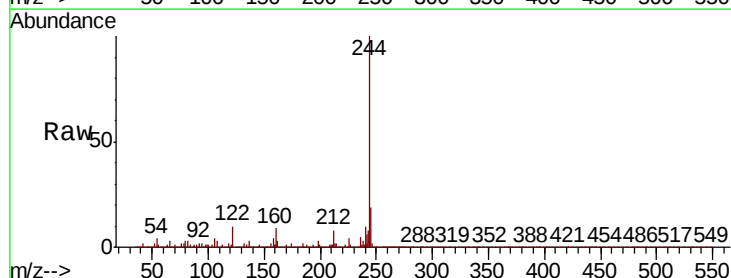
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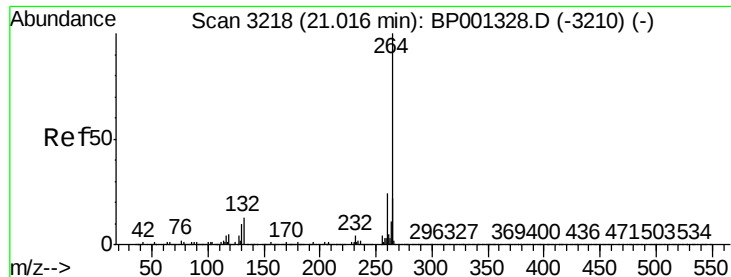
Tot Ion:240 Resp: 153058
Ion Ratio Lower Upper
240 100
120 9.2 7.6 11.4
236 26.2 21.0 31.4



#79
Terphenyl-d14
Concen: 97.085 ng
RT: 17.89 min Scan# 2687
Delta R.T. 0.01 min
Lab File: BP001369.D
Acq: 23 Dec 2019 16:08

Tgt Ion:244 Resp: 867581
Ion Ratio Lower Upper
244 100
212 8.1 6.6 9.8
122 10.3 7.6 11.4

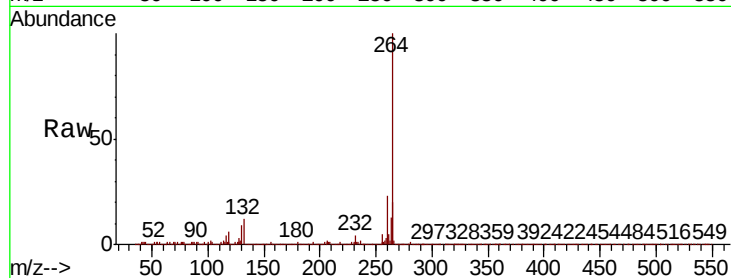




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.03 min Scan# 3220
Delta R.T. 0.01 min
Lab File: BP001369.D
Acq: 23 Dec 2019 16:08

Instrument :
BNA_P
ClientSampleId :
MW-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.2	17.4	26.2



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

