

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
 Data File : BP000528.D
 Acq On : 04 Oct 2019 23:37
 Operator : JU
 Sample : K5154-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-104D

Quant Time: Oct 05 01:12:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

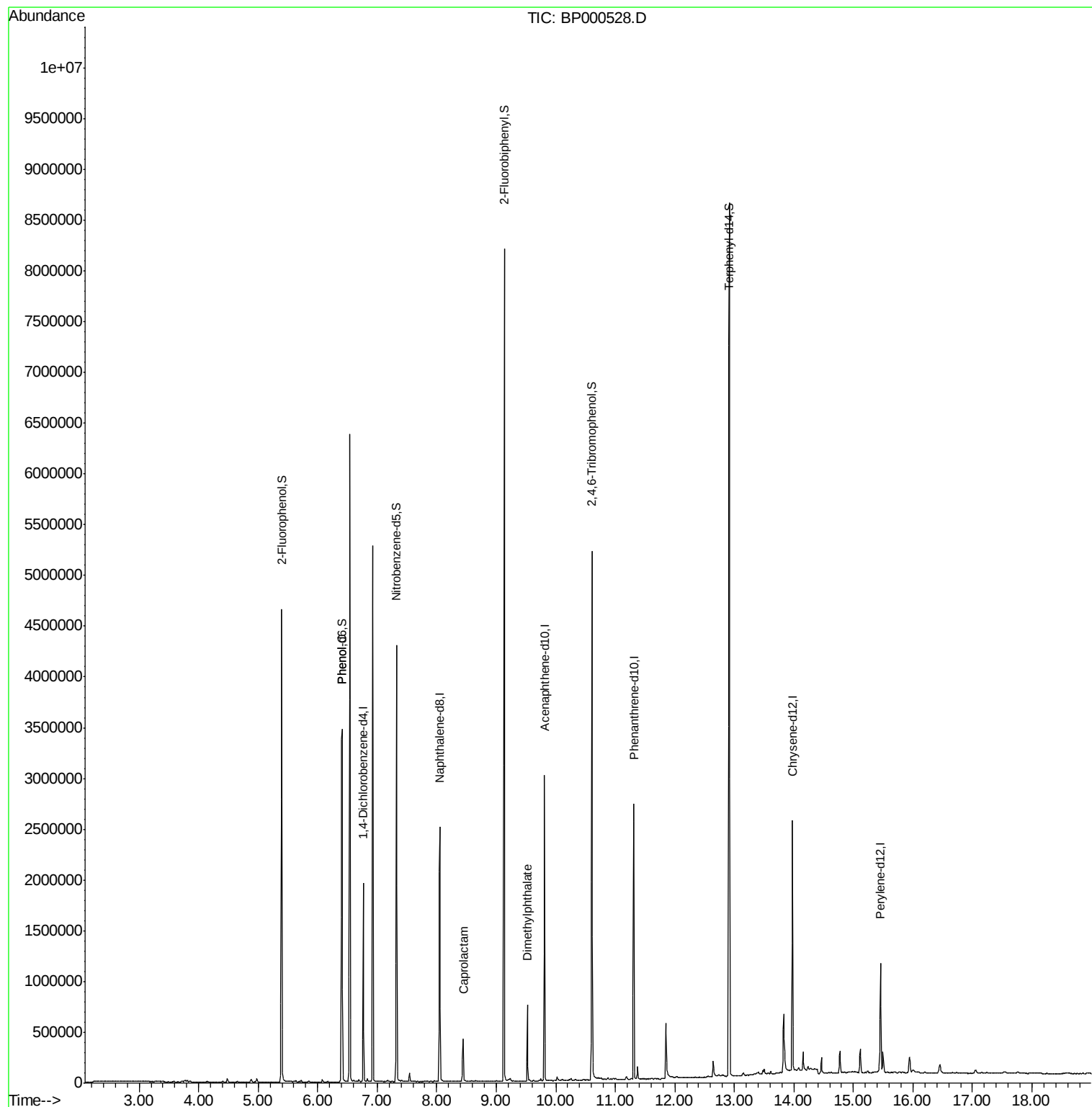
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	303532	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	1104909	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	585183	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	1016611	20.00	ng	0.00
76) Chrysene-d12	13.97	240	800136	20.00	ng	0.00
87) Perylene-d12	15.46	264	502453	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1490021	78.91	ng	0.00
7) Phenol-d6	6.41	99	1418252	62.33	ng	0.00
23) Nitrobenzene-d5	7.33	82	1366761	75.55	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	711036	114.02	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2641377	73.03	ng	0.00
79) Terphenyl-d14	12.92	244	3068936	77.66	ng	0.00
Target Compounds						
10) Phenol	6.42	94	104196	4.472	ng	98
35) Caprolactam	8.45	113	63211	11.867	ng	89
50) Dimethylphthalate	9.53	163	321137	7.898	ng	100

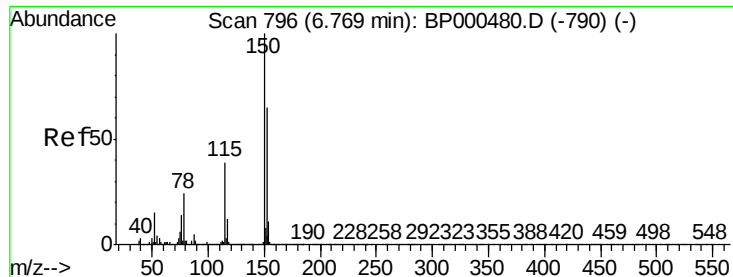
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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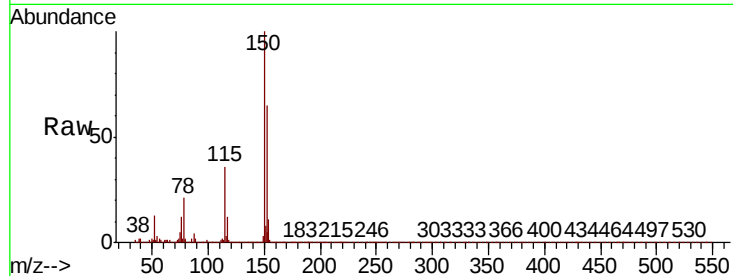


#1

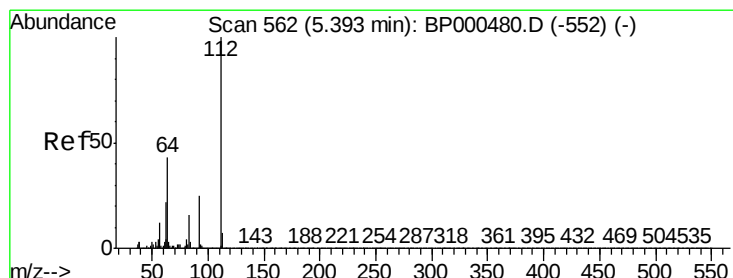
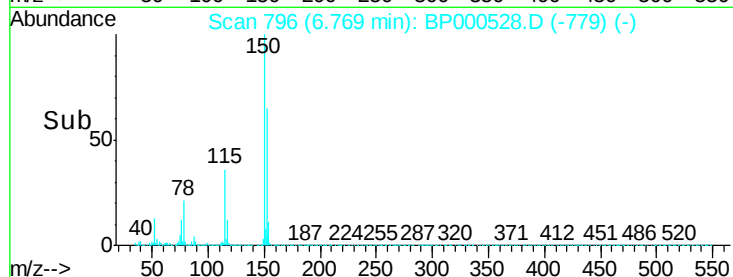
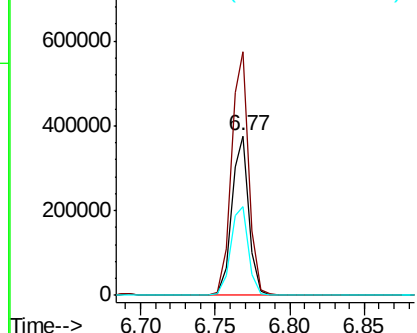
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BP000528.D
Acq: 04 Oct 2019 23:37

Instrument :
BNA_P
ClientSampleId :
MW-104D

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.1	186.1
115	55.7	48.7	73.1



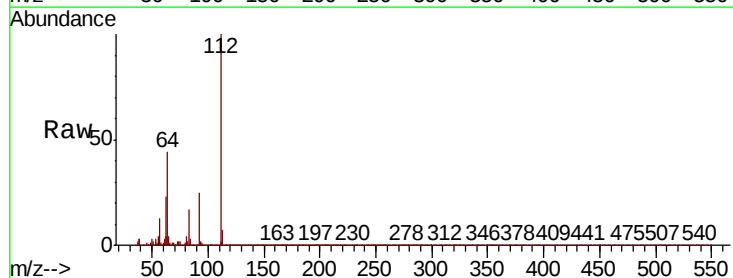
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



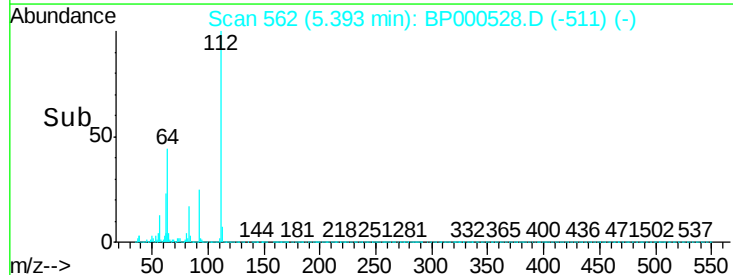
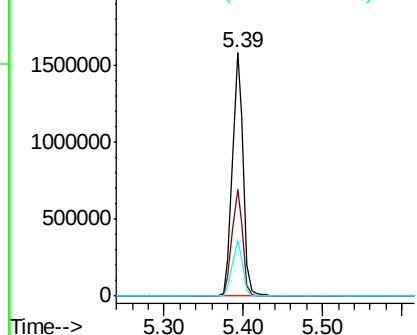
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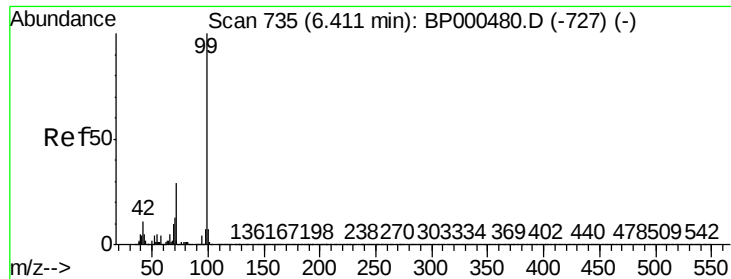
2-Fluorophenol
Concen: 78.908 ng
RT: 5.39 min Scan# 562
Delta R.T. -0.00 min
Lab File: BP000528.D
Acq: 04 Oct 2019 23:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.0	34.2	51.4
63	22.5	17.9	26.9



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: 62.328 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BP000528.D

Acq: 04 Oct 2019 23:37

Instrument :

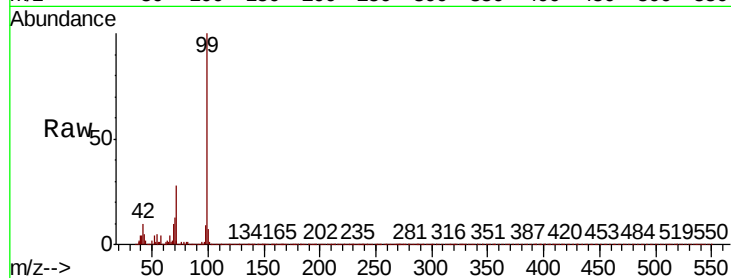
BNA_P

ClientSampleId :

MW-104D

Tot Ion: 99 Resp: 1418252

Ion	Ratio	Lower	Upper
99	100		
42	10.2	8.6	12.8
71	28.4	23.0	34.4

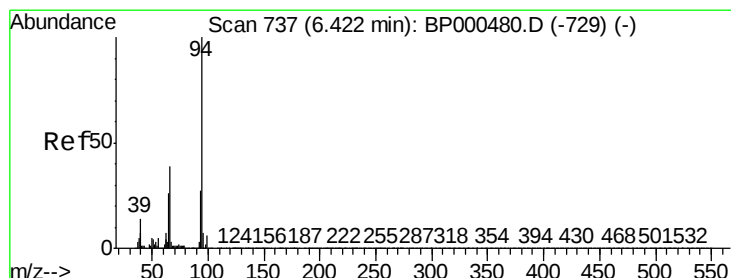
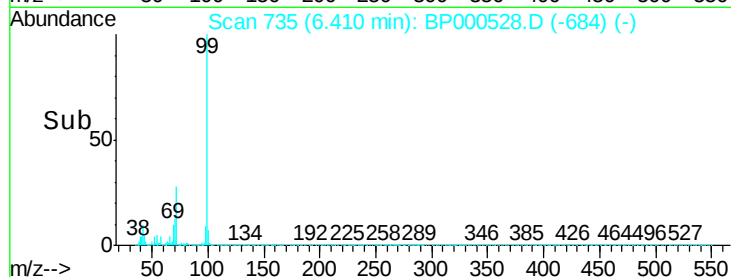
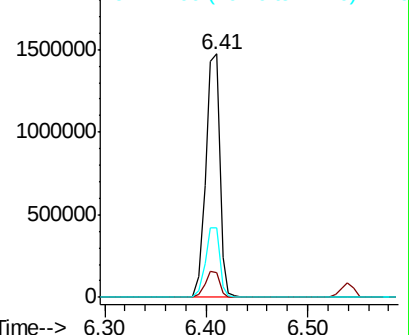


Abundance

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



#10

Phenol

Concen: 4.472 ng

RT: 6.42 min Scan# 736

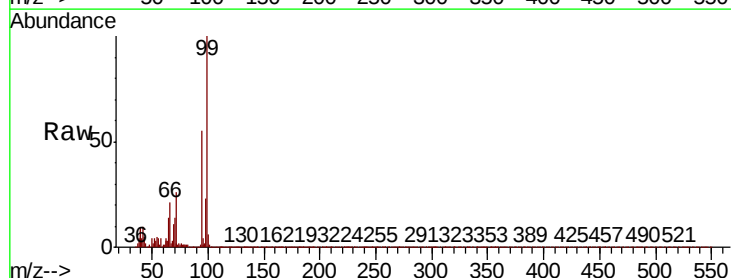
Delta R.T. -0.01 min

Lab File: BP000528.D

Acq: 04 Oct 2019 23:37

Tgt Ion: 94 Resp: 104196

Ion	Ratio	Lower	Upper
94	100		
65	24.9	5.9	45.9
66	37.9	18.8	58.8

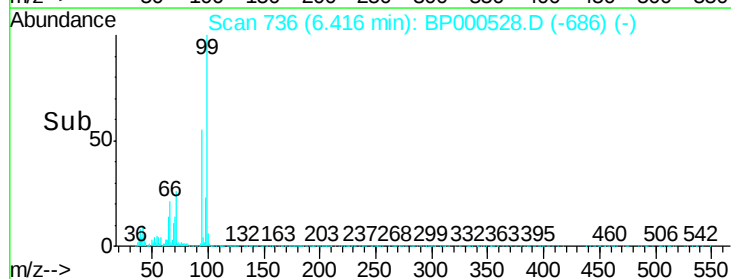
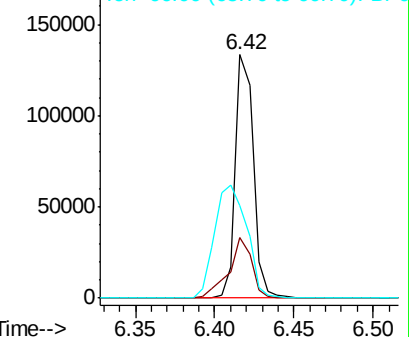


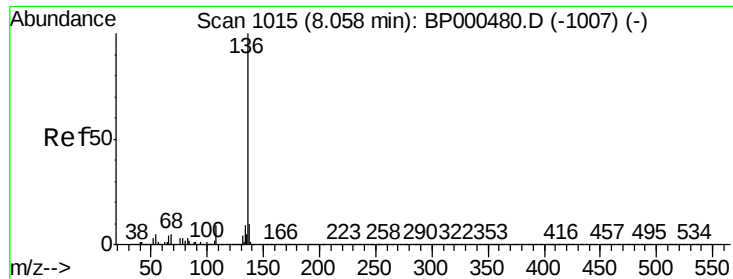
Abundance

Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

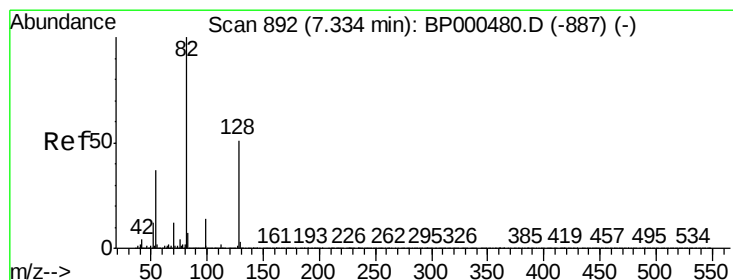
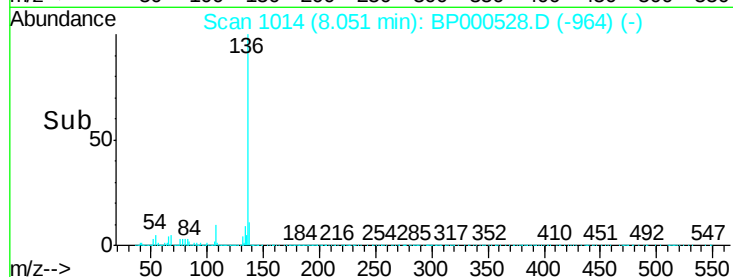
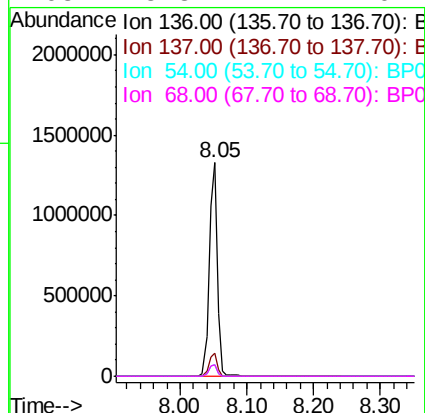
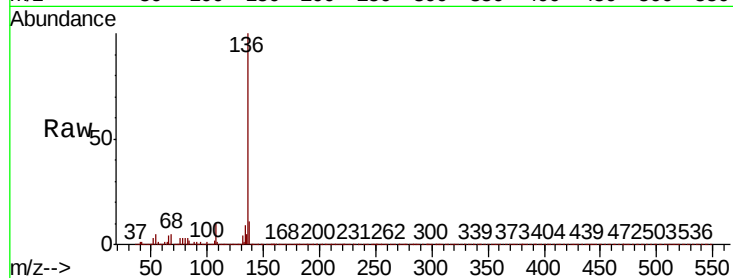




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP000528.D
Acq: 04 Oct 2019 23:37

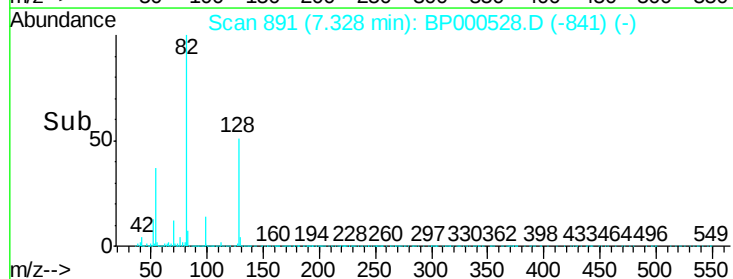
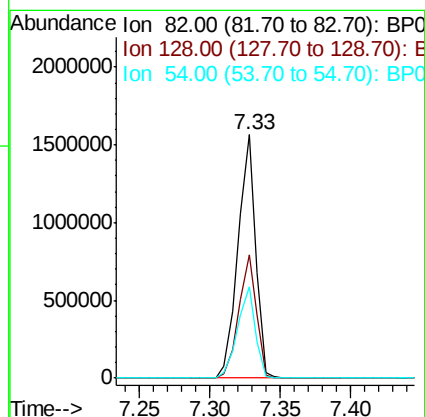
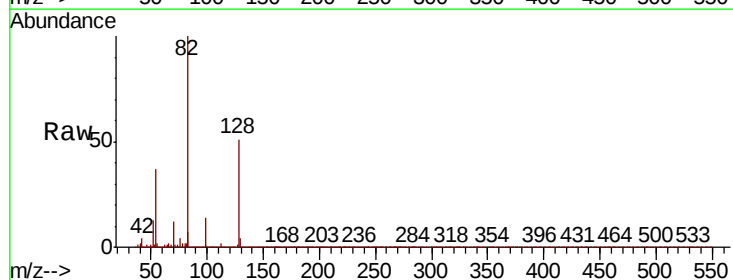
Instrument :
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MW-104D

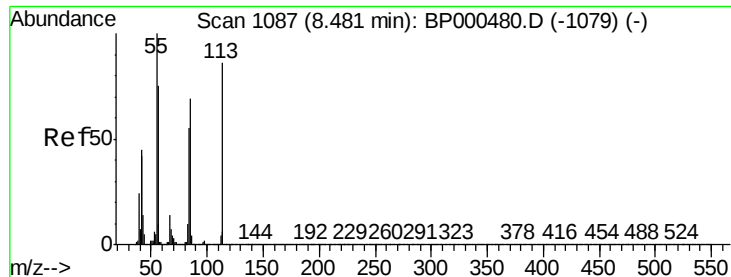
Tot Ion:136	Resp: 1104909
Ion Ratio	Lower Upper
136 100	
137 10.9	8.2 12.4
54 5.2	4.1 6.1
68 5.3	4.1 6.1



#23
Nitrobenzene-d5
Concen: 75.550 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP000528.D
Acq: 04 Oct 2019 23:37

Tgt Ion: 82	Resp: 1366761
Ion Ratio	Lower Upper
82 100	
128 50.8	40.9 61.3
54 37.2	29.4 44.2

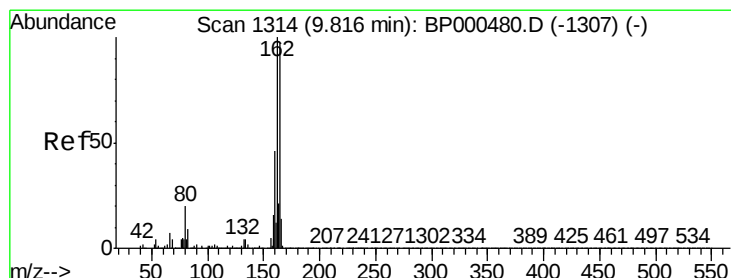
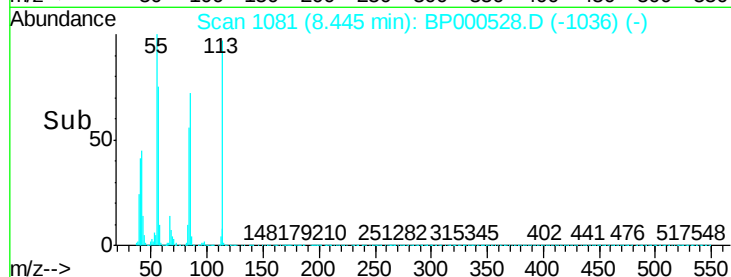
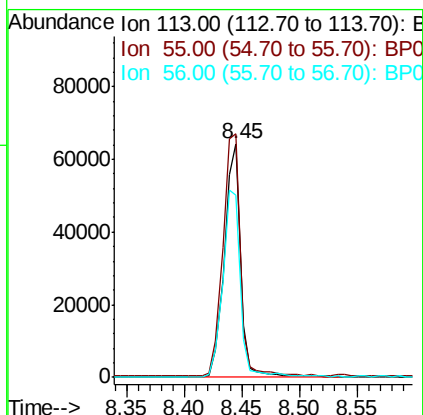
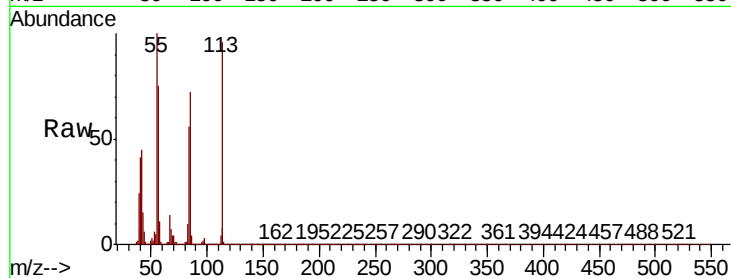




#35
Caprolactam
Concen: 11.867 ng
RT: 8.45 min Scan# 1081
Delta R.T. -0.04 min
Lab File: BP000528.D
Acq: 04 Oct 2019 23:37

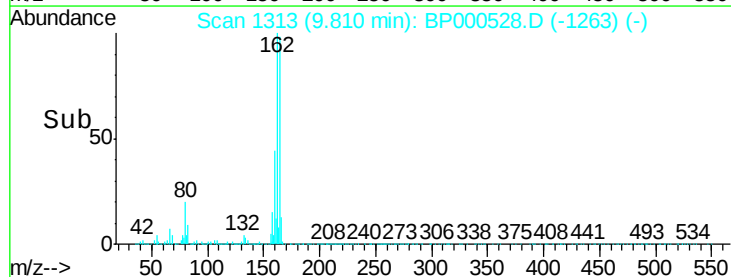
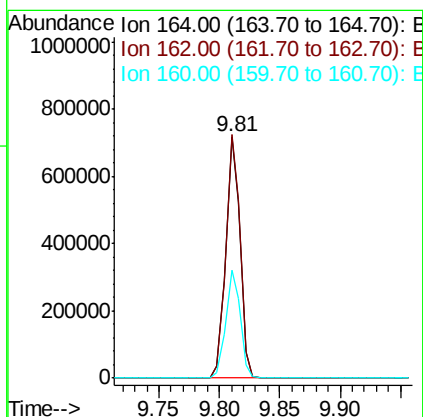
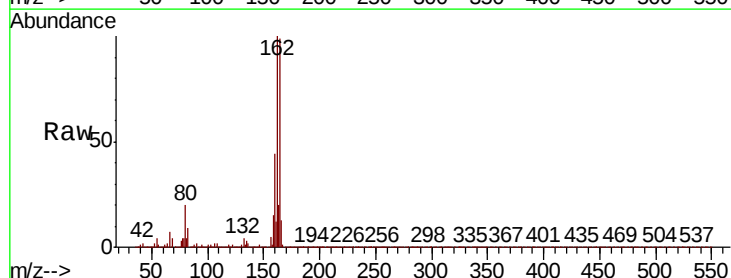
Instrument :
BNA_P
ClientSampleId :
MW-104D

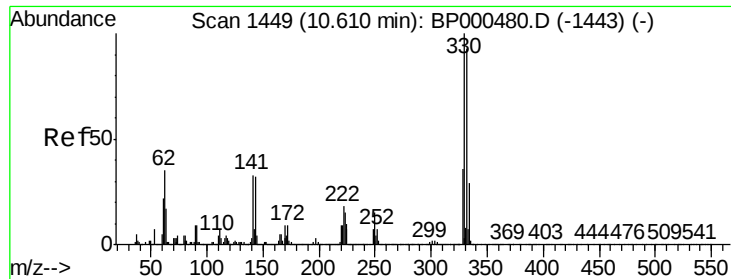
Tot Ion:113 Resp: 63211
Ion Ratio Lower Upper
113 100
55 104.1 95.9 135.9
56 77.7 67.2 107.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BP000528.D
Acq: 04 Oct 2019 23:37

Tgt Ion:164 Resp: 585183
Ion Ratio Lower Upper
164 100
162 101.0 82.2 123.2
160 44.9 37.6 56.4

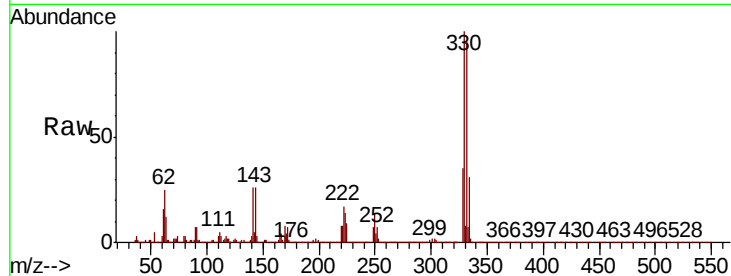




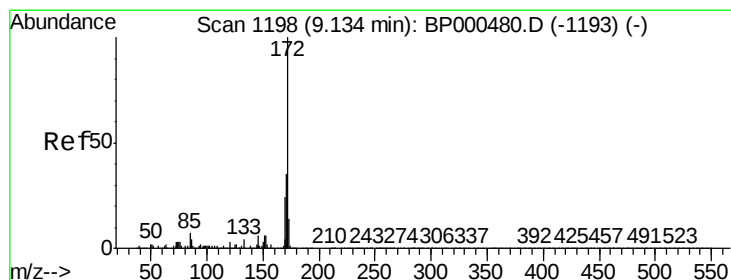
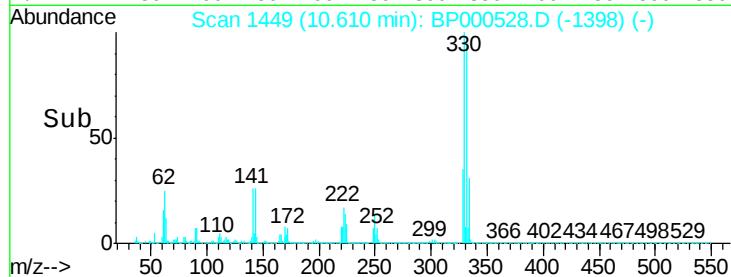
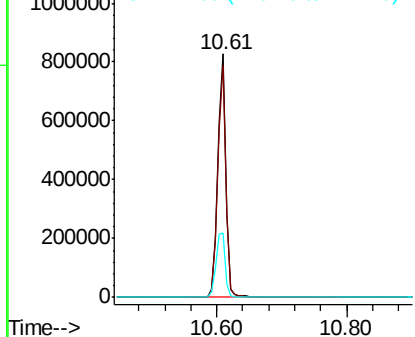
#42
2,4,6-Tribromophenol
Concen: 114.025 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BP000528.D
Acq: 04 Oct 2019 23:37

Instrument :
BNA_P
ClientSampled :
MW-104D

Tot Ion:330 Resp: 711036
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 30.6 26.0 39.0

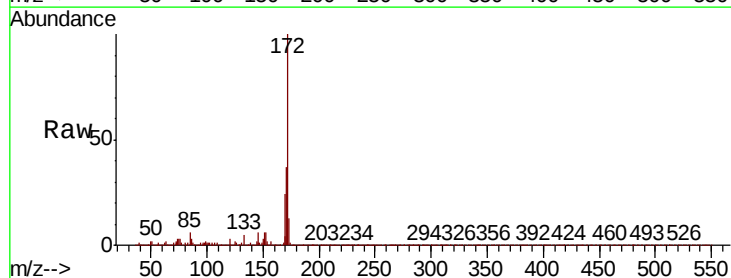


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

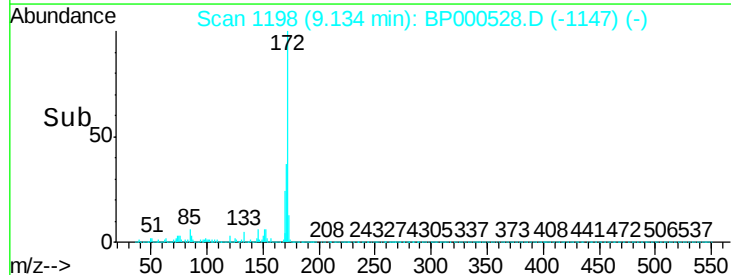
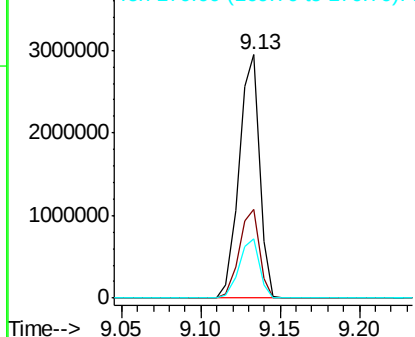


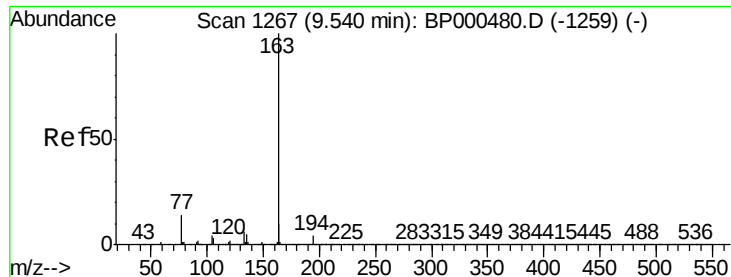
#45
2-Fluorobiphenyl
Concen: 73.032 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BP000528.D
Acq: 04 Oct 2019 23:37

Tgt Ion:172 Resp: 2641377
Ion Ratio Lower Upper
172 100
171 36.7 28.4 42.6
170 24.5 19.1 28.7



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

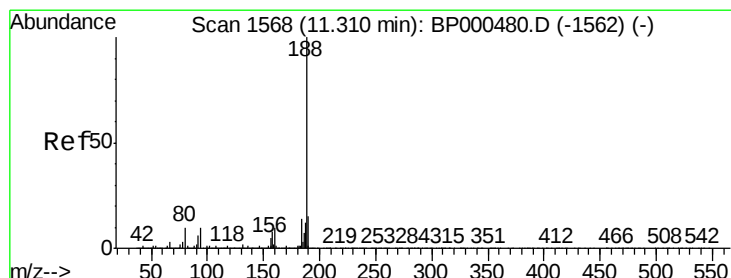
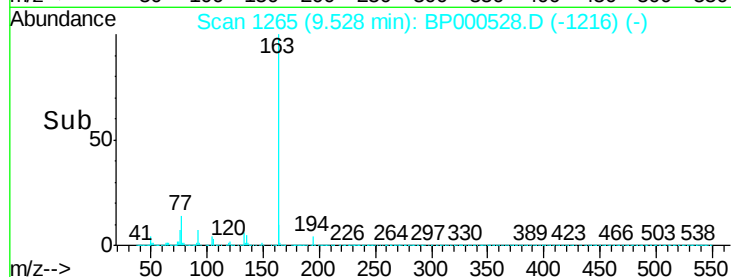
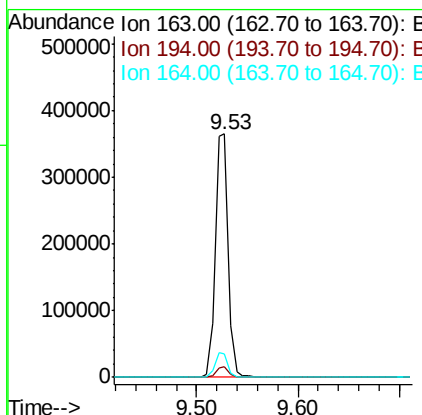
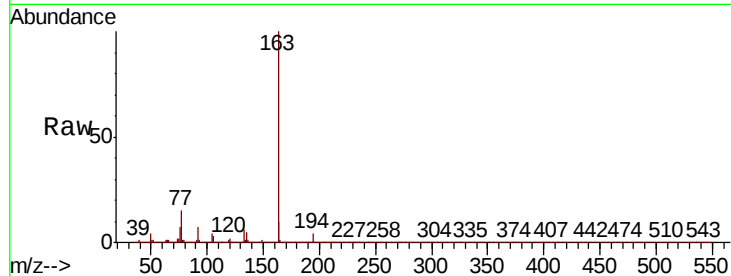




#50
Dimethylphthalate
Concen: 7.898 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP000528.D
Acq: 04 Oct 2019 23:37

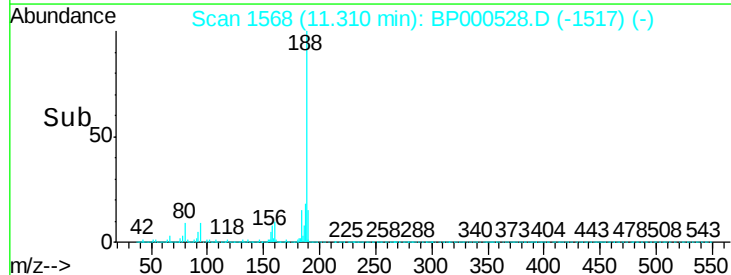
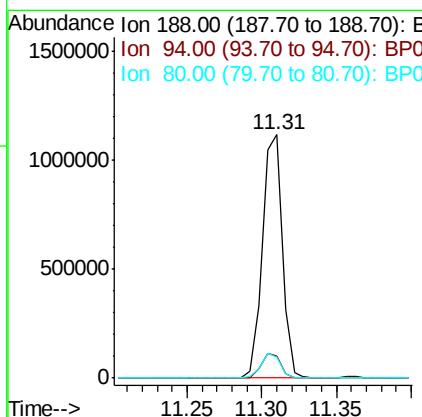
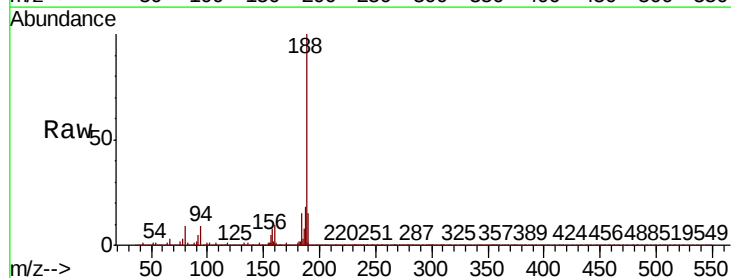
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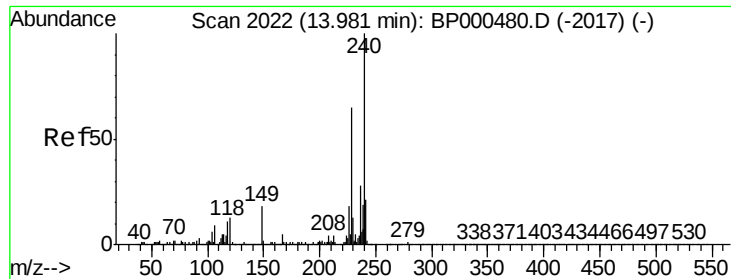
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.8	8.0	12.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BP000528.D
Acq: 04 Oct 2019 23:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.2
80	8.8	8.3	12.5

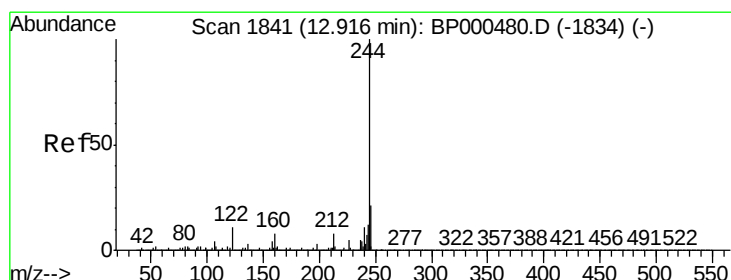
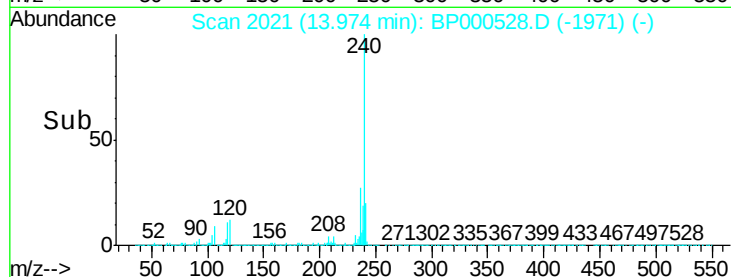
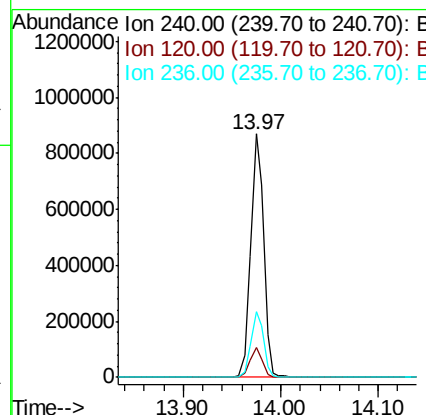
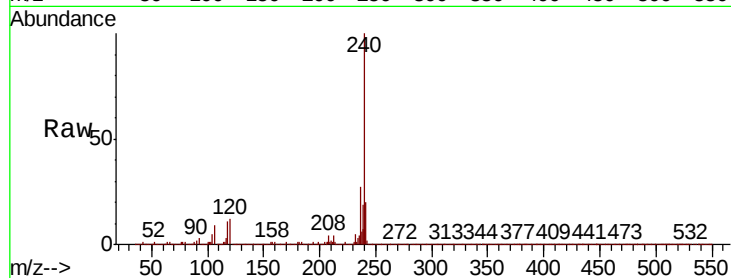




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000528.D
Acq: 04 Oct 2019 23:37

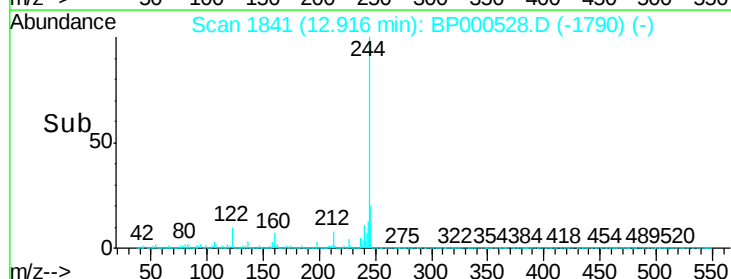
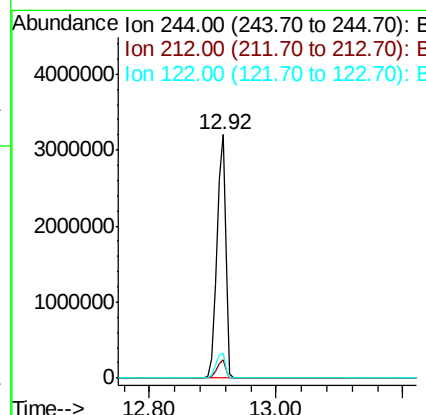
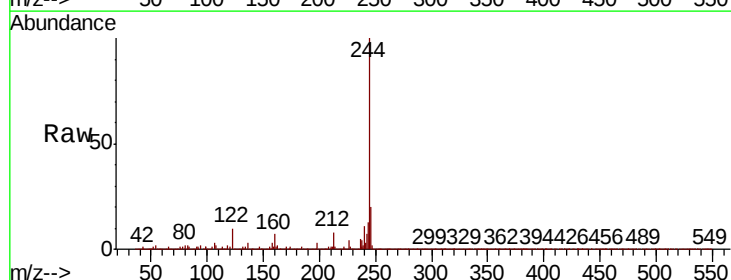
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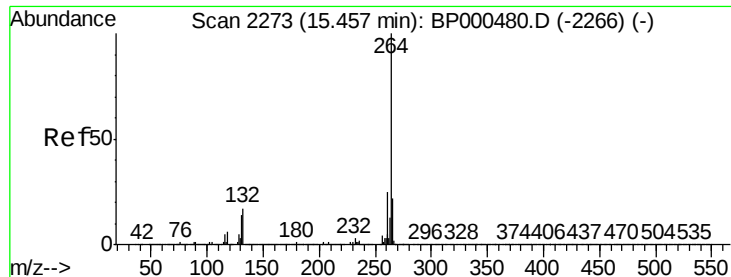
Tot Ion:240 Resp: 800136
Ion Ratio Lower Upper
240 100
120 12.1 10.1 15.1
236 26.8 22.7 34.1



#79
Terphenyl-d14
Concen: 77.659 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BP000528.D
Acq: 04 Oct 2019 23:37

Tgt Ion:244 Resp: 3068936
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 10.1 8.9 13.3





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BP000528.D
Acq: 04 Oct 2019 23:37

Instrument :
BNA_P
ClientSampleId :
MW-104D

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.3	30.5
265	21.4	18.0	27.0

