

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100719\
 Data File : BP000558.D
 Acq On : 07 Oct 2019 21:21
 Operator : JU
 Sample : K5154-25
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-101I

Quant Time: Oct 08 07:29:37 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

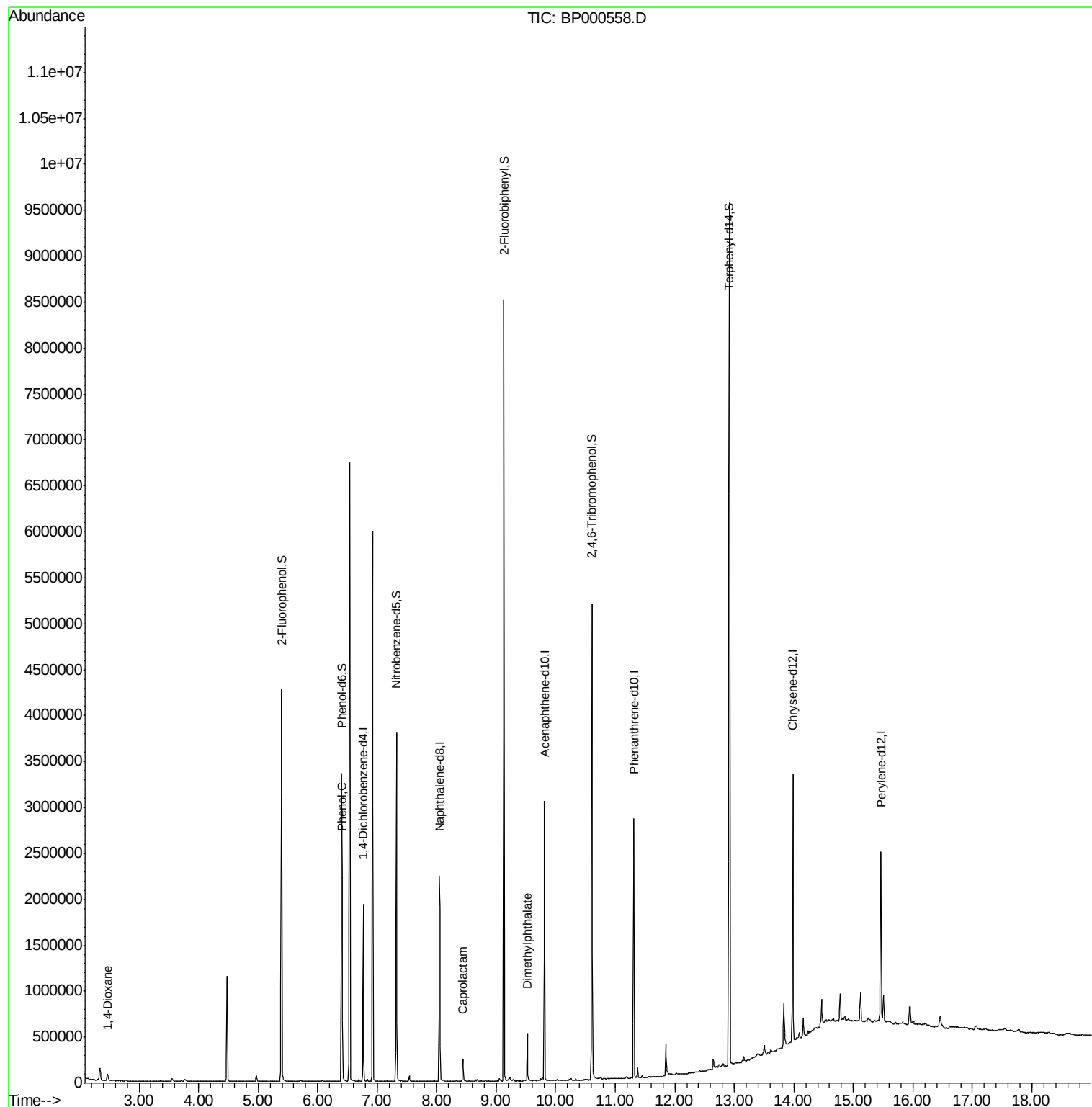
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	280980	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	1006834	20.00	ng	-0.01
39) Acenaphthene-d10	9.81	164	550923	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	992533	20.00	ng	0.00
76) Chrysene-d12	13.98	240	879687	20.00	ng	0.00
87) Perylene-d12	15.46	264	872328	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1311445	75.03	ng	0.00
7) Phenol-d6	6.40	99	1112639	52.82	ng	0.00
23) Nitrobenzene-d5	7.33	82	1291759	78.36	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	694473	118.29	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2737282	80.39	ng	0.00
79) Terphenyl-d14	12.92	244	3497216	80.49	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.47	88	41483	5.943	ng	97
10) Phenol	6.42	94	100062	4.640	ng	94
35) Caprolactam	8.44	113	29188	6.013	ng	94
50) Dimethylphthalate	9.52	163	196444	5.132	ng	99

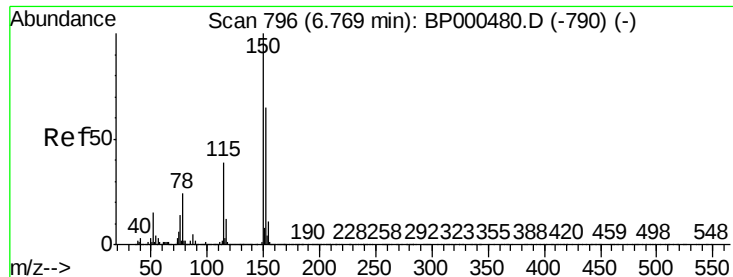
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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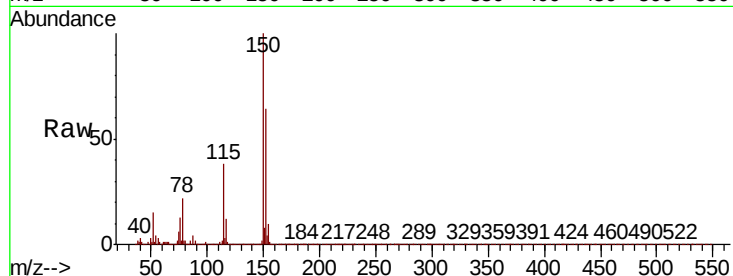


#1

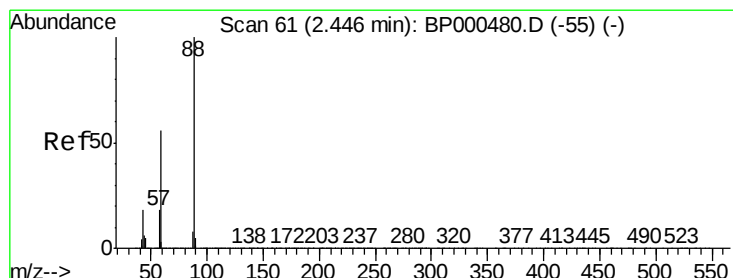
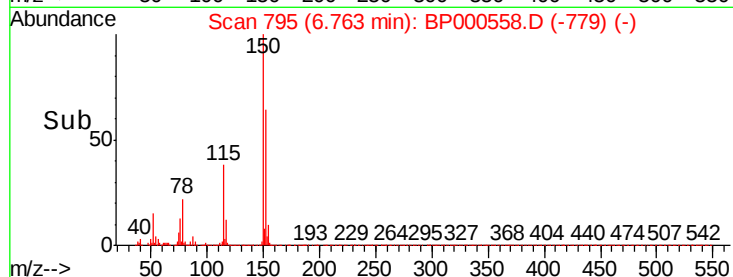
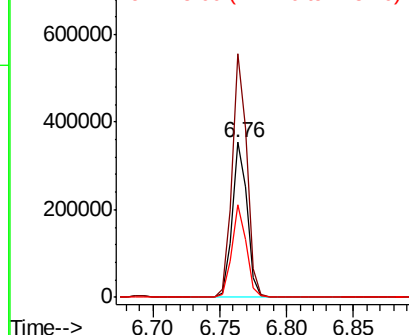
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Instrument :
BNA_P
ClientSampleId :
MW-101I

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.1	186.1
115	59.3	48.7	73.1



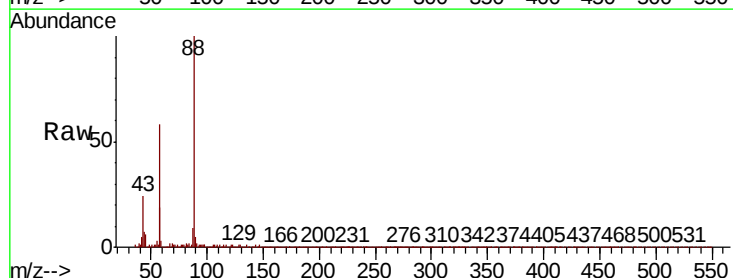
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



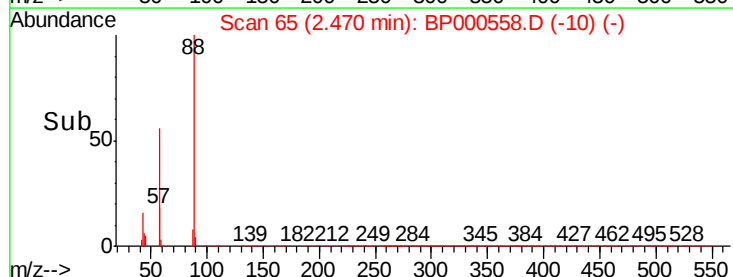
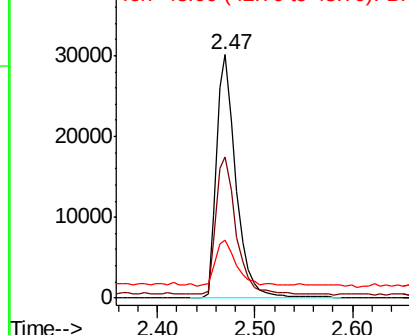
#2

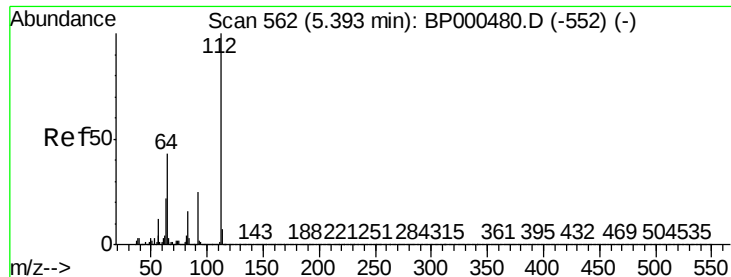
1,4-Dioxane
Concen: 5.943 ng
RT: 2.47 min Scan# 65
Delta R.T. 0.02 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.3	45.3	67.9
43	20.5	14.5	21.7



Abundance Ion 88.00 (87.70 to 88.70): BP0
Ion 58.00 (57.70 to 58.70): BP0
Ion 43.00 (42.70 to 43.70): BP0





#5

2-Fluorophenol

Concen: 75.026 ng

RT: 5.39 min Scan# 562

Delta R.T. -0.00 min

Lab File: BP000558.D

Acq: 07 Oct 2019 21:21

Instrument :

BNA_P

ClientSampleId :

MW-101I

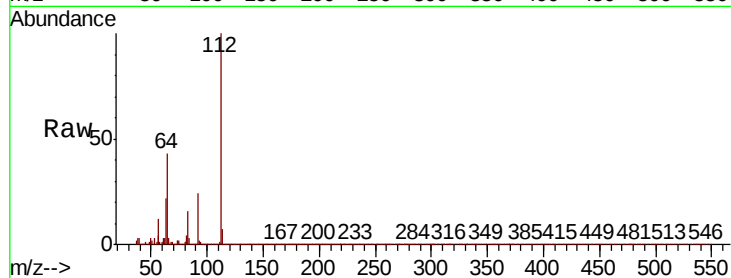
Tot Ion: 112 Resp: 1311445

Ion Ratio Lower Upper

112 100

64 43.2 34.2 51.4

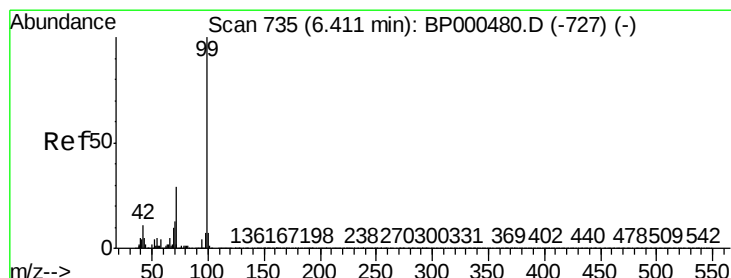
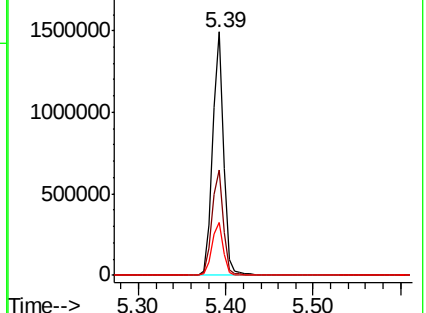
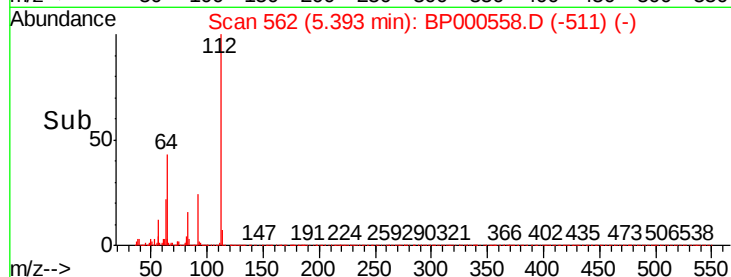
63 21.9 17.9 26.9



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: 52.822 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BP000558.D

Acq: 07 Oct 2019 21:21

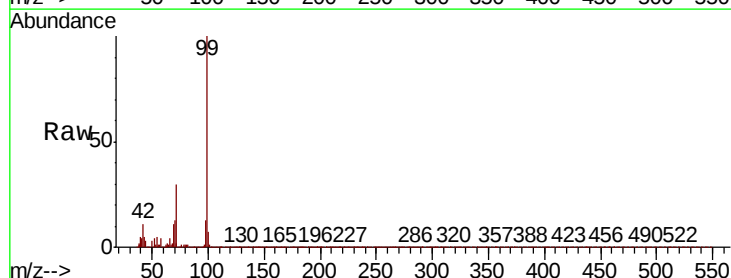
Tgt Ion: 99 Resp: 1112639

Ion Ratio Lower Upper

99 100

42 11.4 8.6 12.8

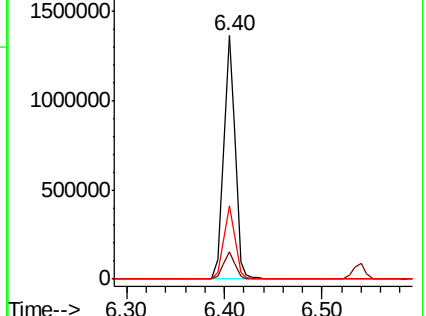
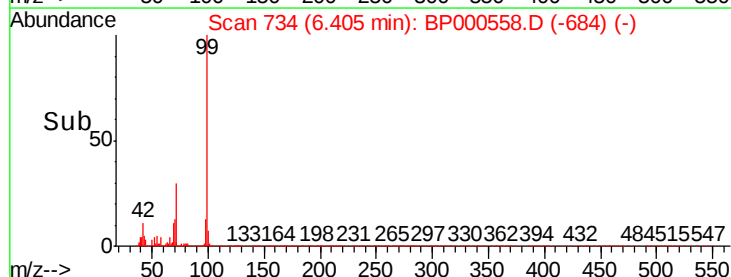
71 30.1 23.0 34.4

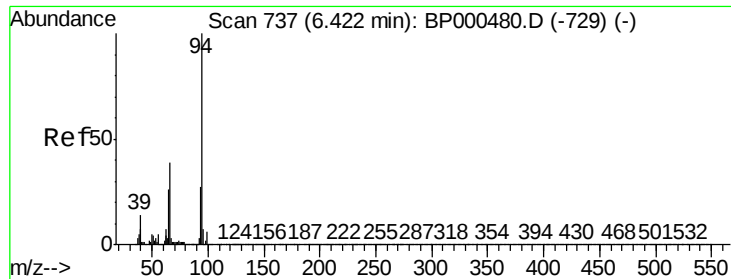


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0





#10

Phenol

Concen: 4.640 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BP000558.D

Acq: 07 Oct 2019 21:21

Instrument :

BNA_P

ClientSampleId :

MW-101I

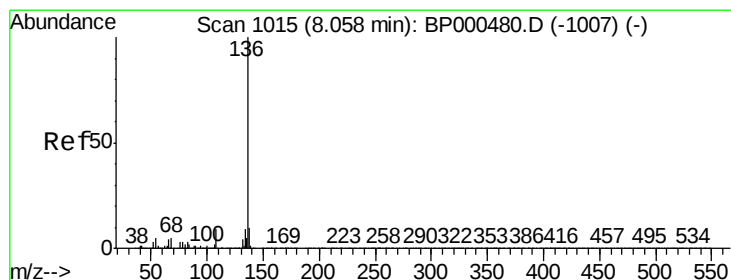
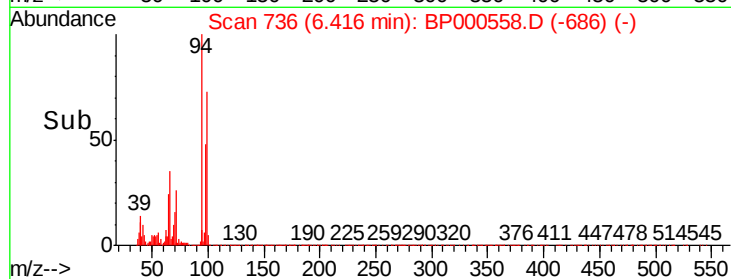
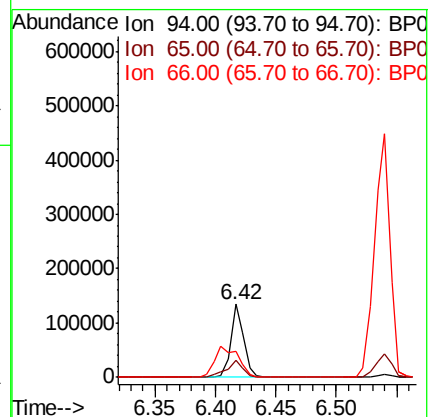
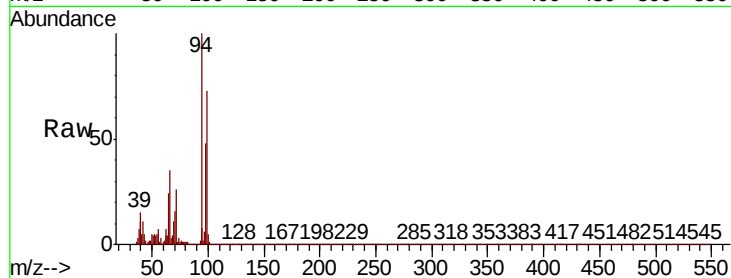
Tot Ion: 94 Resp: 100062

Ion Ratio Lower Upper

94 100

65 24.0 5.9 45.9

66 34.7 18.8 58.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BP000558.D

Acq: 07 Oct 2019 21:21

Tgt Ion: 136 Resp: 1006834

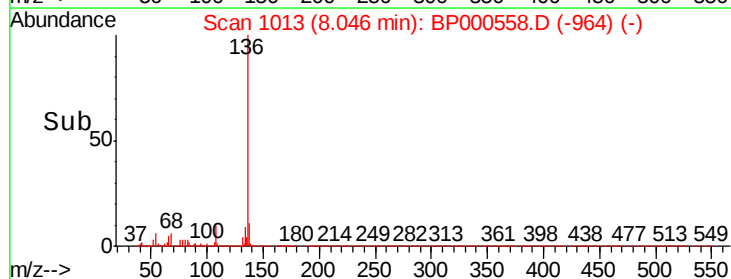
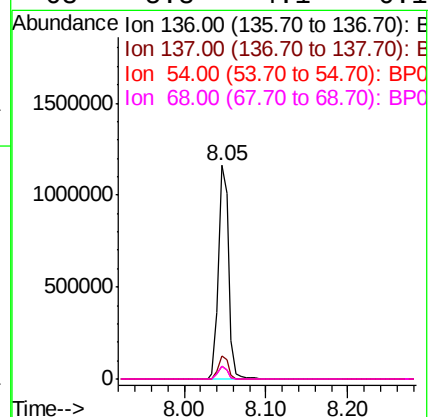
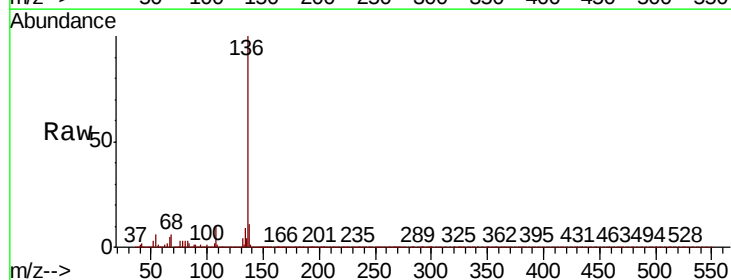
Ion Ratio Lower Upper

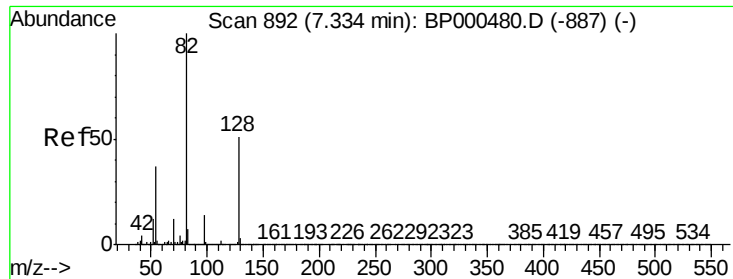
136 100

137 11.0 8.2 12.4

54 6.0 4.1 6.1

68 5.8 4.1 6.1

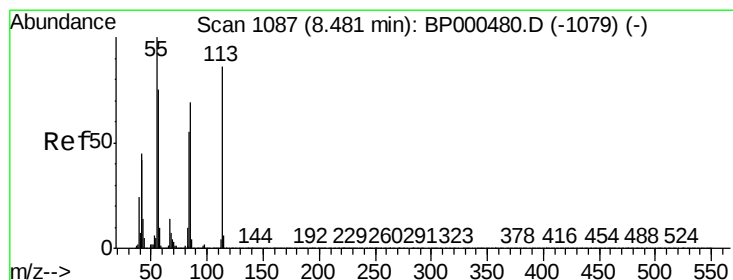
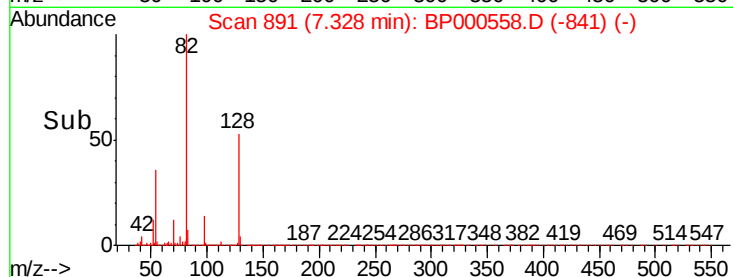
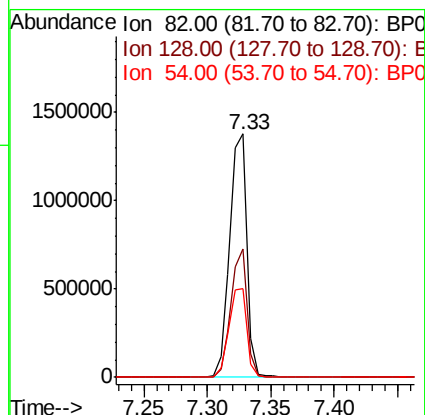
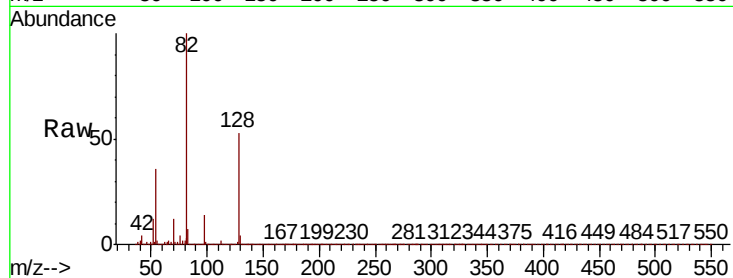




#23
Nitrobenzene-d5
Concen: 78.359 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

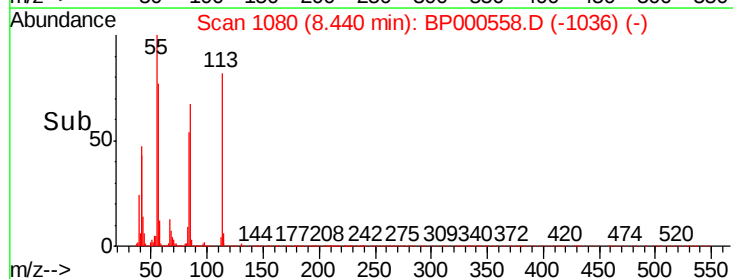
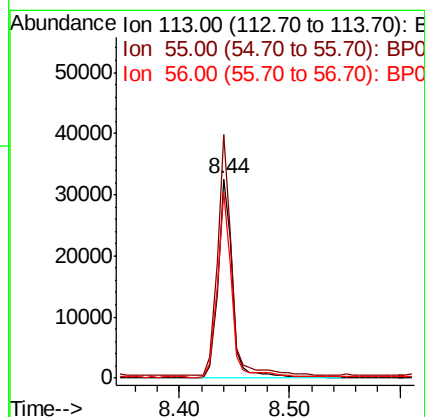
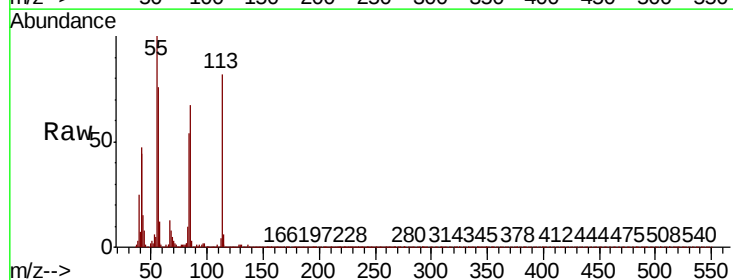
Instrument :
BNA_P
ClientSampleId :
MW-101I

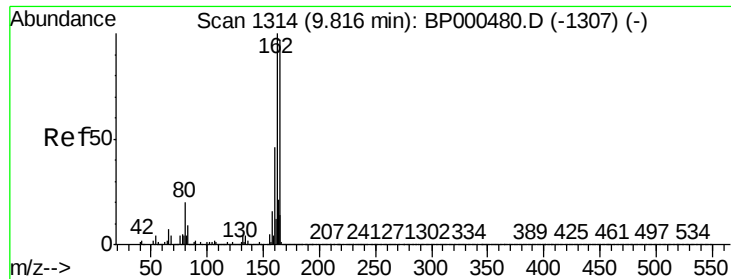
Tot Ion: 82 Resp: 1291759
Ion Ratio Lower Upper
82 100
128 52.7 40.9 61.3
54 36.2 29.4 44.2



#35
Caprolactam
Concen: 6.013 ng
RT: 8.44 min Scan# 1080
Delta R.T. -0.04 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Tgt Ion: 113 Resp: 29188
Ion Ratio Lower Upper
113 100
55 122.4 95.9 135.9
56 93.6 67.2 107.2

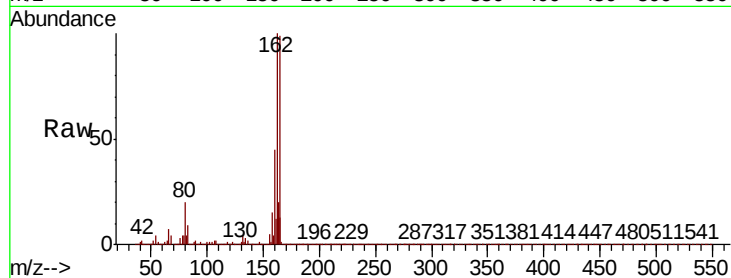




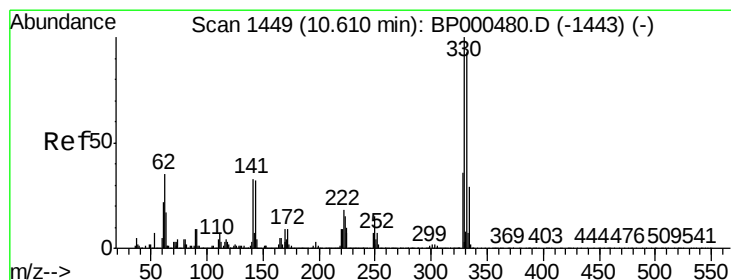
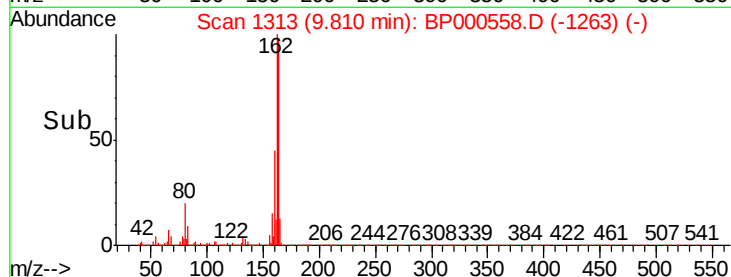
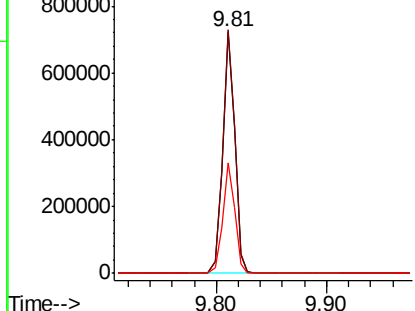
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Instrument :
BNA_P
ClientSampled :
MW-101I

Tot Ion:164 Resp: 550923
Ion Ratio Lower Upper
164 100
162 100.9 82.2 123.2
160 45.9 37.6 56.4

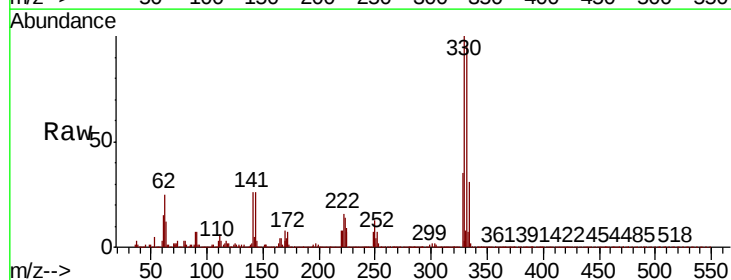


Abundance Ion 164.00 (163.70 to 164.70): E
1000000 Ion 162.00 (161.70 to 162.70): E
800000 Ion 160.00 (159.70 to 160.70): E
600000
400000
200000
0

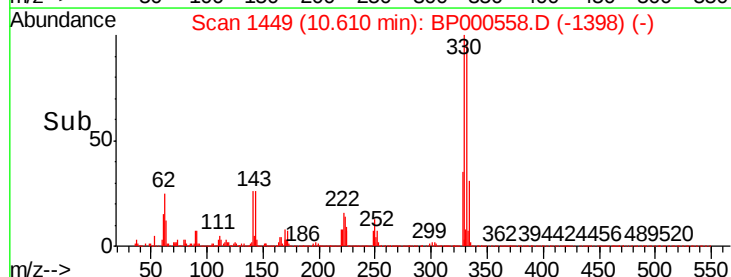
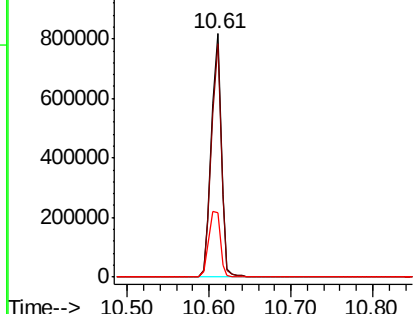


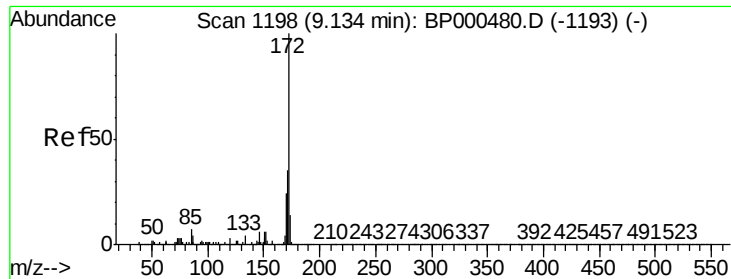
#42
2,4,6-Tribromophenol
Concen: 118.294 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Tgt Ion:330 Resp: 694473
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 31.3 26.0 39.0



Abundance Ion 329.80 (329.50 to 330.50): E
1000000 Ion 331.80 (331.50 to 332.50): E
800000 Ion 141.00 (140.70 to 141.70): E
600000
400000
200000
0

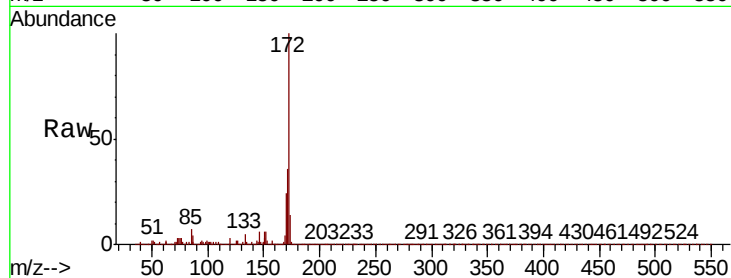




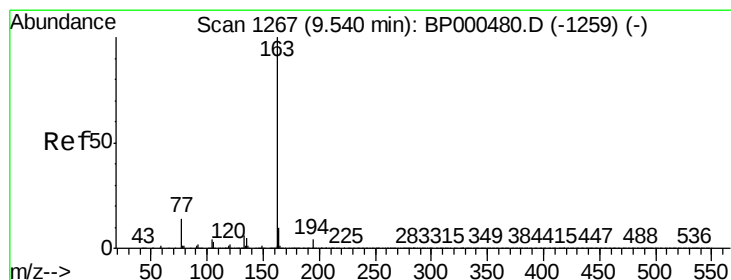
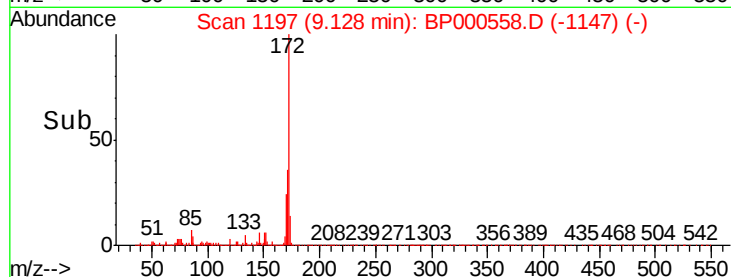
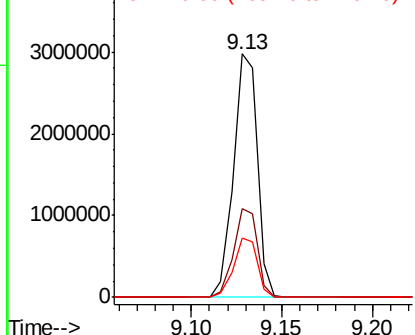
#45
2-Fluorobiphenyl
Concen: 80.391 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Instrument :
BNA_P
ClientSampleId :
MW-101I

Tot Ion:172 Resp: 2737282
Ion Ratio Lower Upper
172 100
171 36.5 28.4 42.6
170 24.2 19.1 28.7

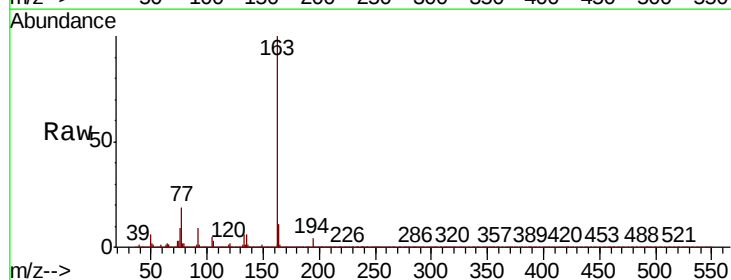


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

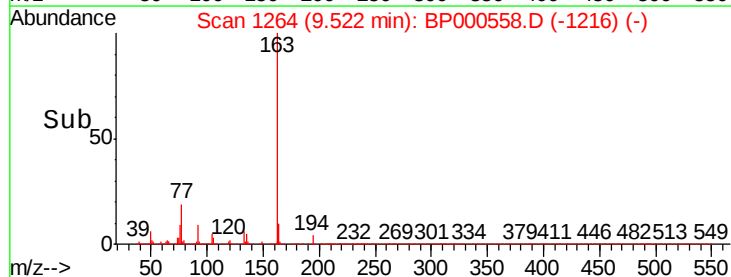
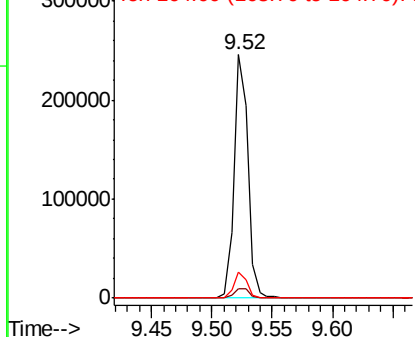


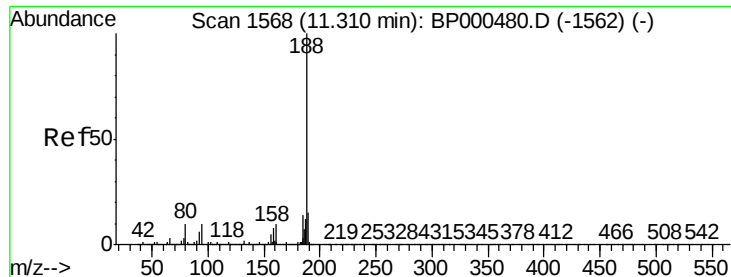
#50
Dimethylphthalate
Concen: 5.132 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Tgt Ion:163 Resp: 196444
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.5 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

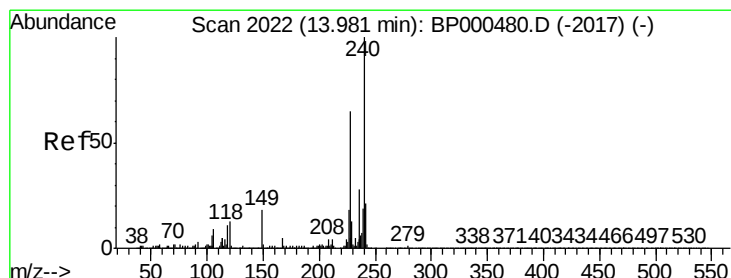
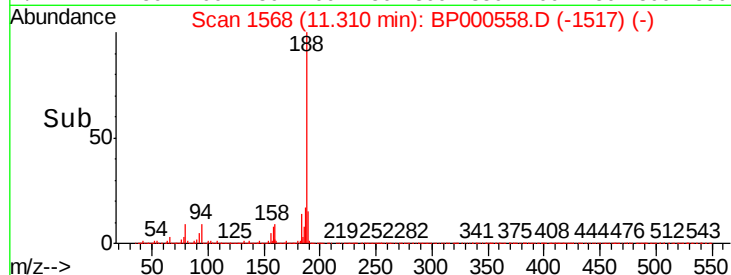
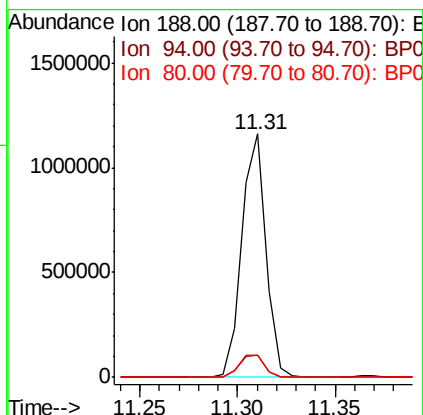
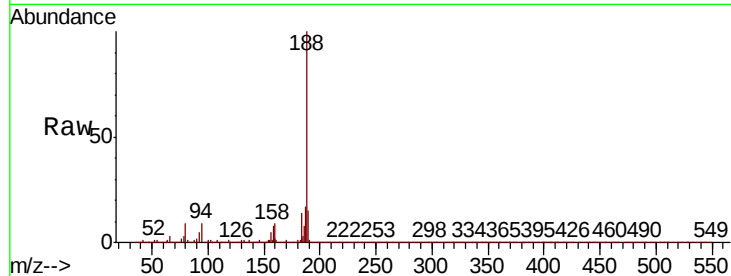




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

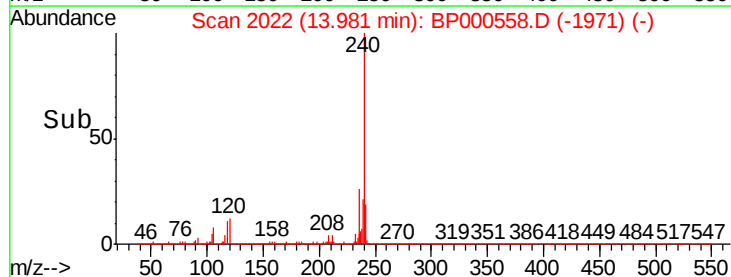
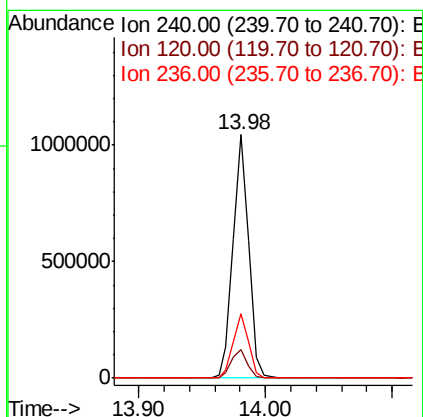
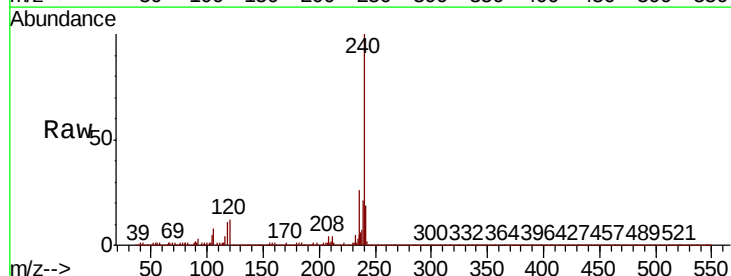
Instrument :
BNA_P
ClientSampleId :
MW-101I

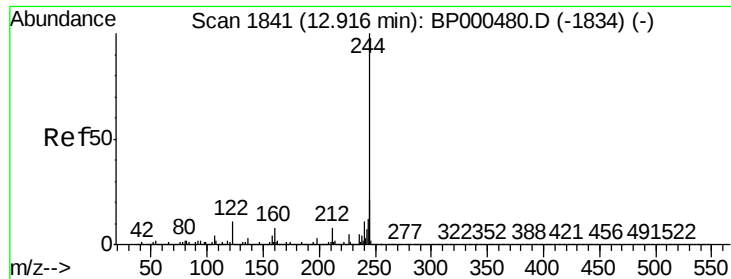
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	9.2	8.3	12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BP000558.D
Acq: 07 Oct 2019 21:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	10.1	15.1
236	26.3	22.7	34.1

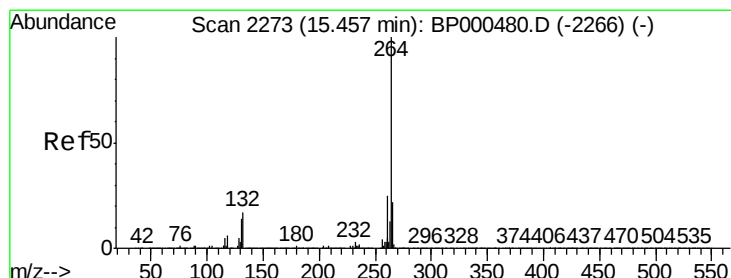
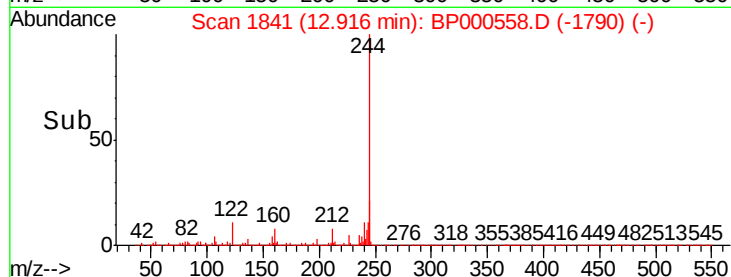
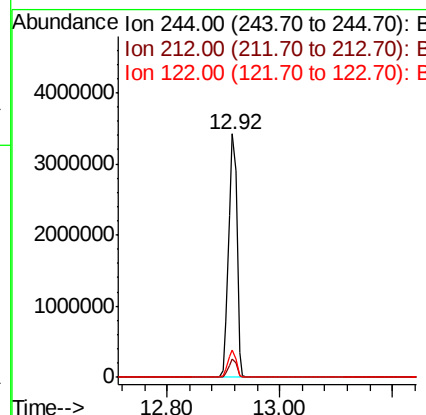
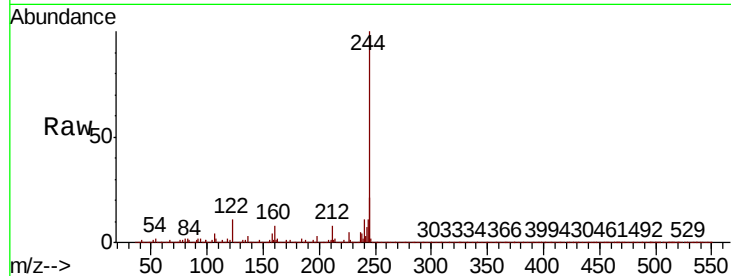




#79
 Terphenyl-d14
 Concen: 80.493 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BP000558.D
 Acq: 07 Oct 2019 21:21

Instrument :
 BNA_P
 ClientSampleId :
 MW-101I

Tot Ion:244 Resp: 3497216
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 11.3 8.9 13.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BP000558.D
 Acq: 07 Oct 2019 21:21

Tgt Ion:264 Resp: 872328
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.3 30.5
 265 21.6 18.0 27.0

