

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
 Data File : BP000527.D
 Acq On : 04 Oct 2019 23:13
 Operator : JU
 Sample : K5154-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-104I

Quant Time: Oct 05 01:10:23 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

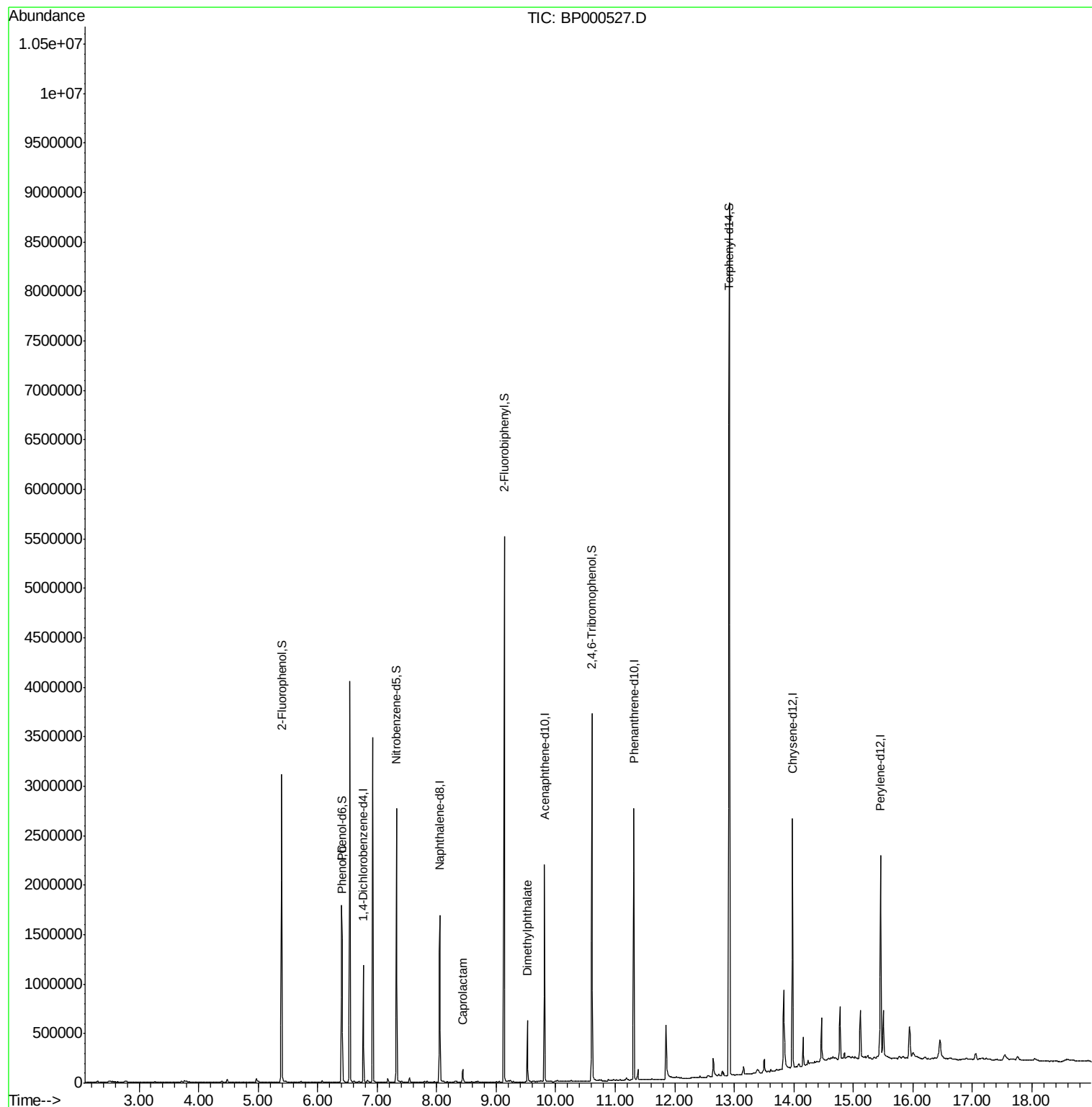
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	182014	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	728101	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	417895	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	949234	20.00	ng	0.00
76) Chrysene-d12	13.97	240	841888	20.00	ng	0.00
87) Perylene-d12	15.46	264	913134	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	939149	82.94	ng	0.00
7) Phenol-d6	6.40	99	641869	47.04	ng	0.00
23) Nitrobenzene-d5	7.33	82	806087	67.62	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	521650	117.14	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1773975	68.68	ng	0.00
79) Terphenyl-d14	12.92	244	3106479	74.71	ng	0.00
Target Compounds						
10) Phenol	6.42	94	91491	6.549	ng	97
35) Caprolactam	8.44	113	17576	5.007	ng	92
50) Dimethylphthalate	9.53	163	272133	9.372	ng	99

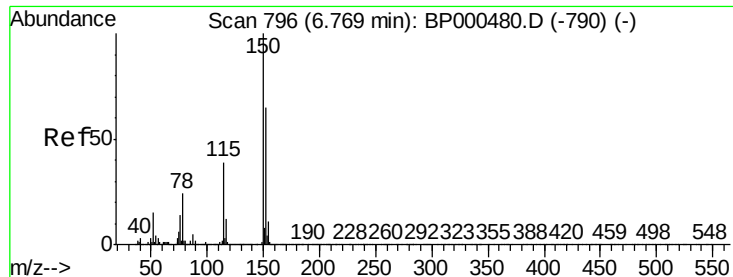
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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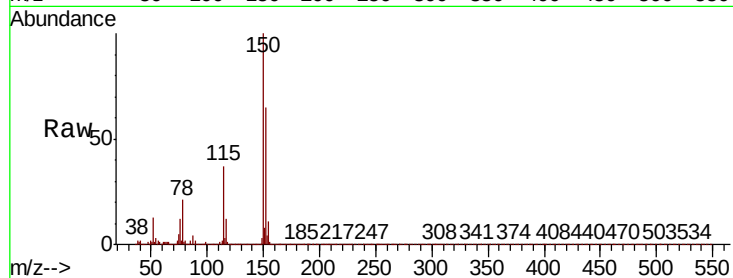


#1

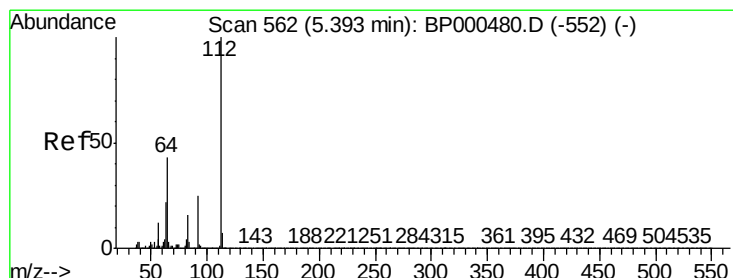
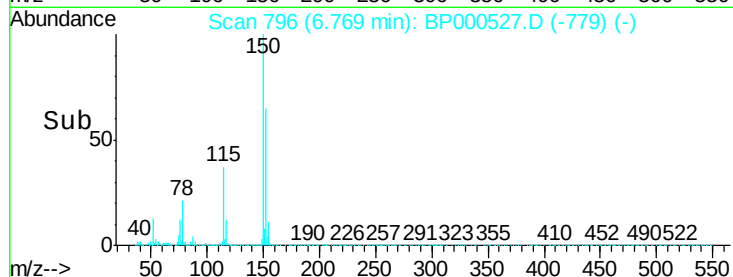
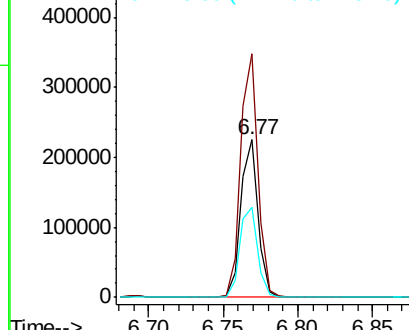
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BP000527.D
Acq: 04 Oct 2019 23:13

Instrument :
BNA_P
ClientSampleId :
MW-104I

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.1	186.1
115	57.5	48.7	73.1



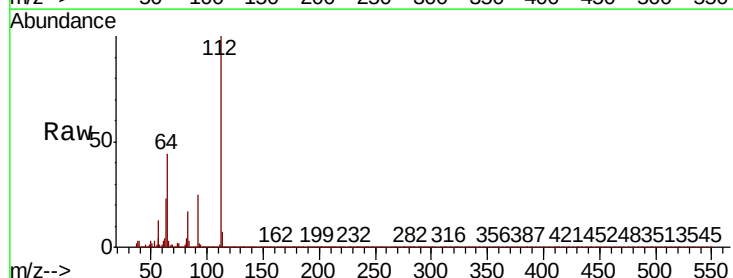
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



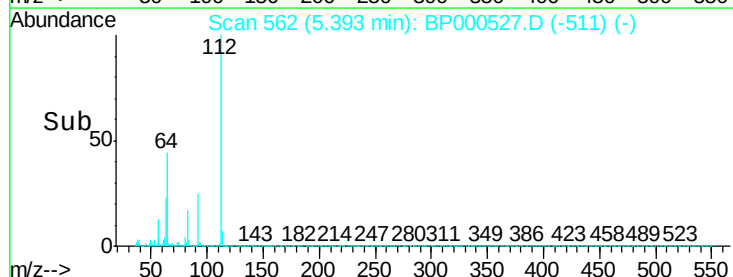
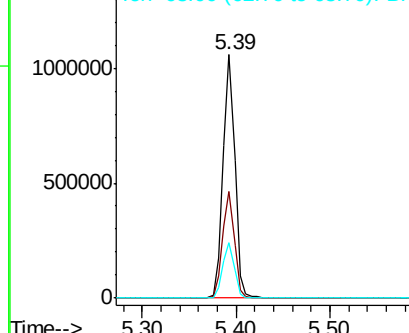
#5

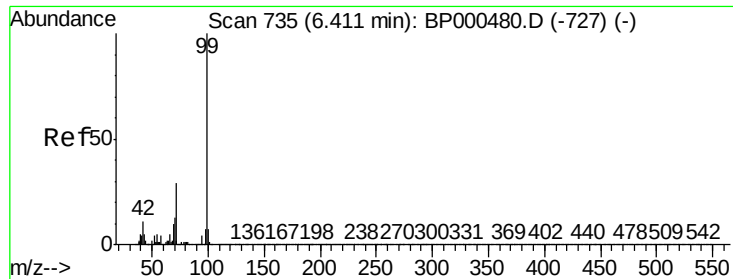
2-Fluorophenol
Concen: 82.940 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BP000527.D
Acq: 04 Oct 2019 23:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.7	34.2	51.4
63	22.8	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: 47.041 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BP000527.D

Acq: 04 Oct 2019 23:13

Instrument :

BNA_P

ClientSampleId :

MW-104I

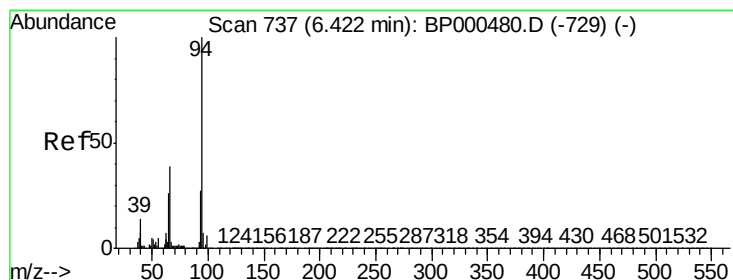
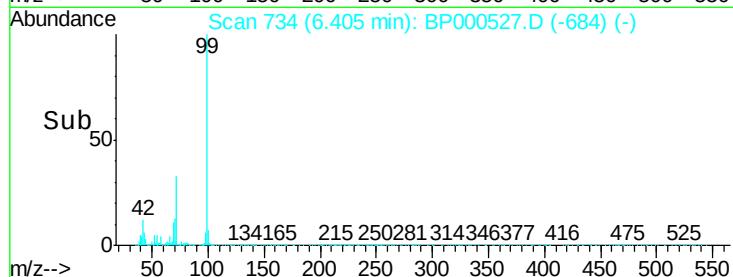
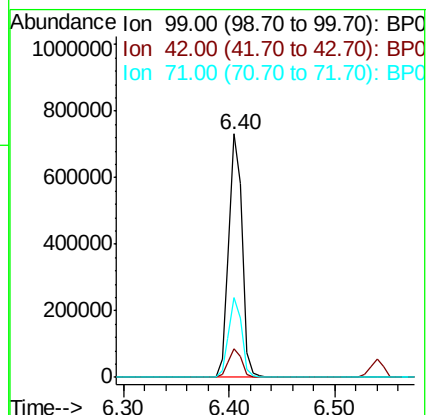
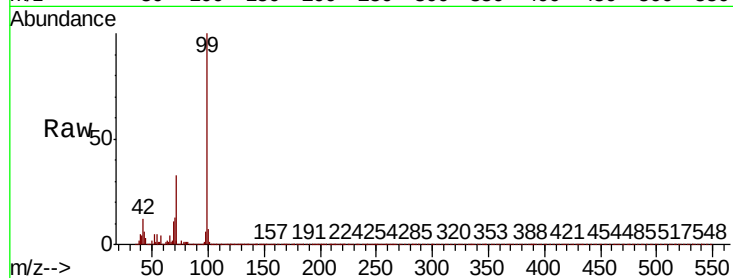
Tot Ion: 99 Resp: 641869

Ion Ratio Lower Upper

99 100

42 11.9 8.6 12.8

71 32.9 23.0 34.4



#10

Phenol

Concen: 6.549 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BP000527.D

Acq: 04 Oct 2019 23:13

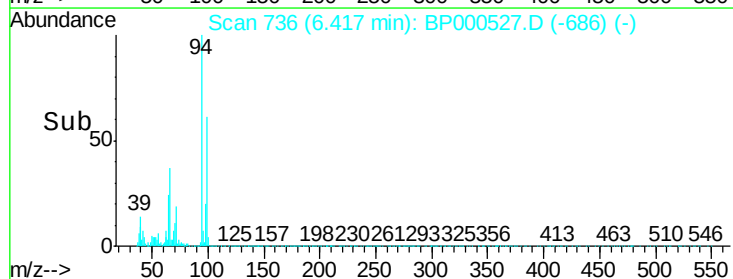
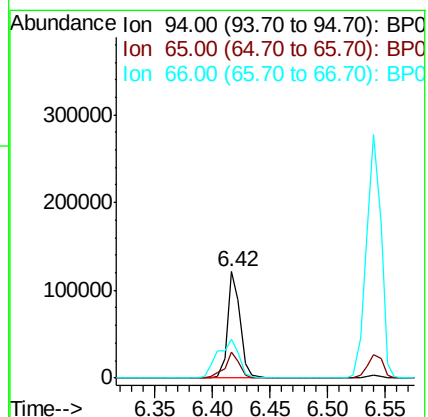
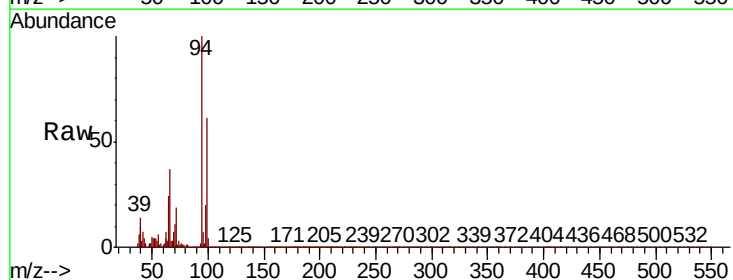
Tgt Ion: 94 Resp: 91491

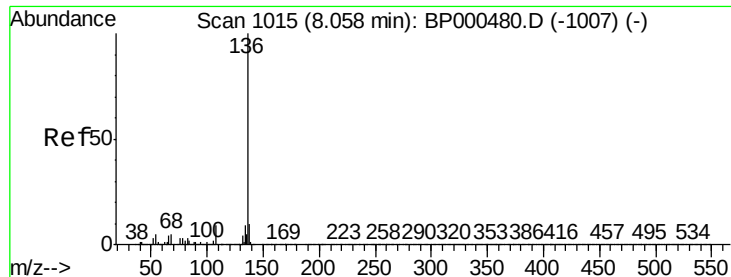
Ion Ratio Lower Upper

94 100

65 24.3 5.9 45.9

66 37.0 18.8 58.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BP000527.D

Acq: 04 Oct 2019 23:13

Instrument :

BNA_P

ClientSampleId :

MW-104I

Tot Ion:136 Resp: 728101

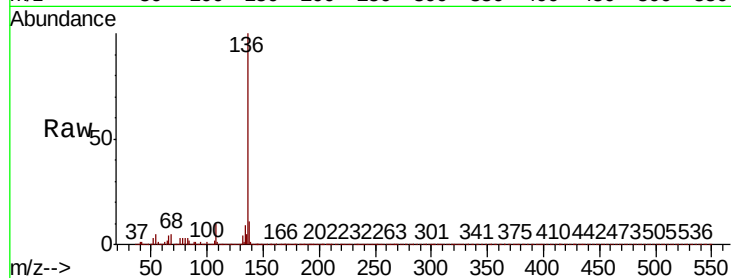
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 4.9 4.1 6.1

68 5.0 4.1 6.1

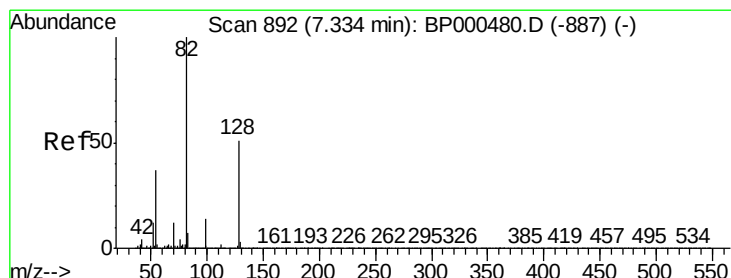
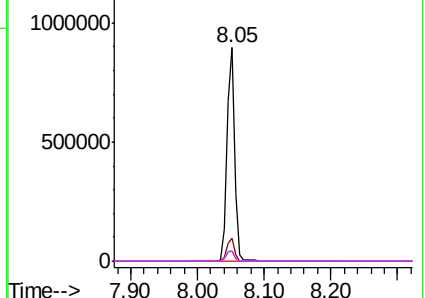
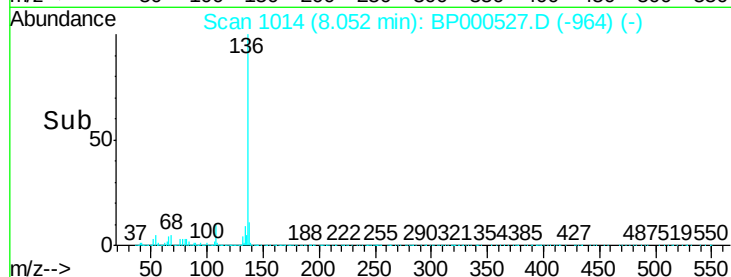


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.617 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BP000527.D

Acq: 04 Oct 2019 23:13

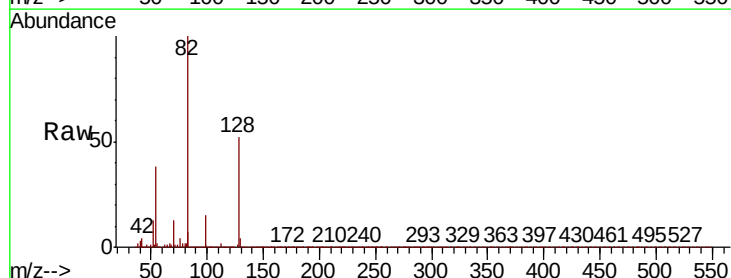
Tgt Ion: 82 Resp: 806087

Ion Ratio Lower Upper

82 100

128 51.6 40.9 61.3

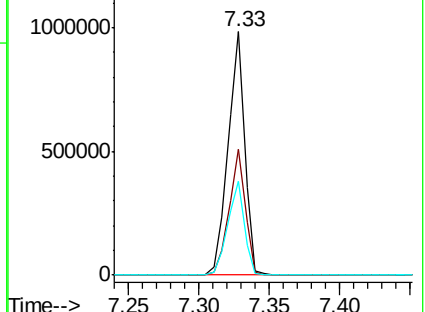
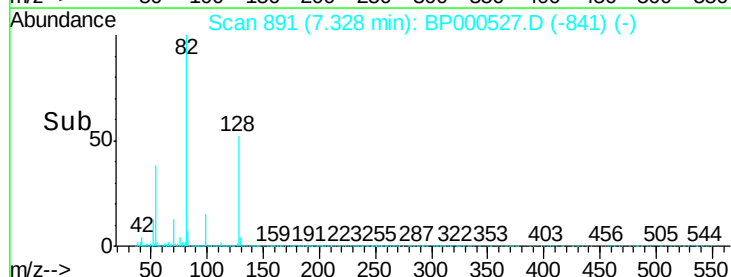
54 38.5 29.4 44.2

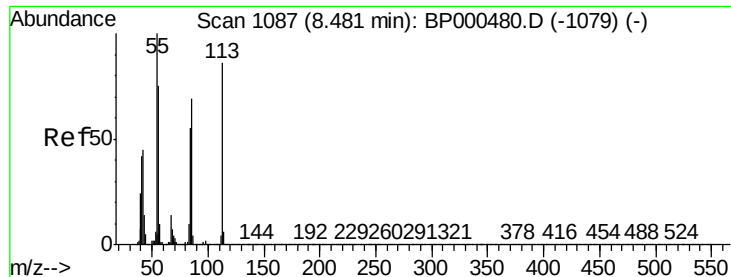


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0

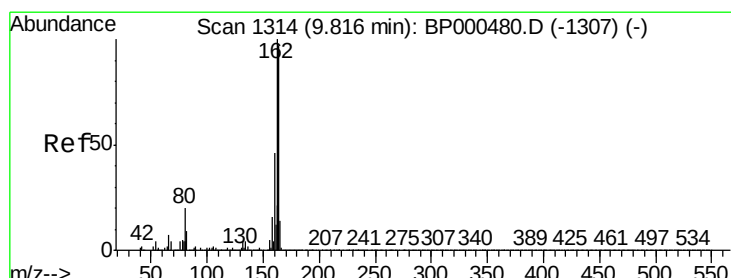
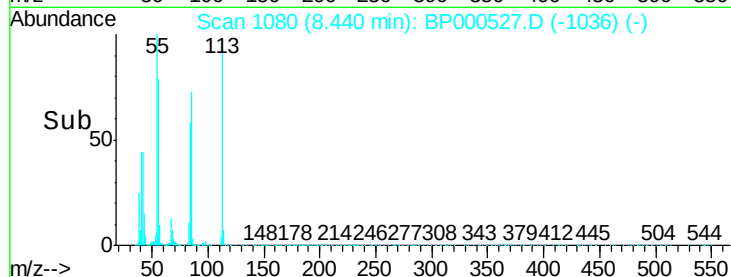
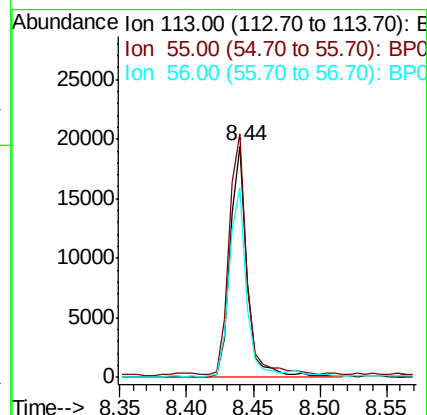
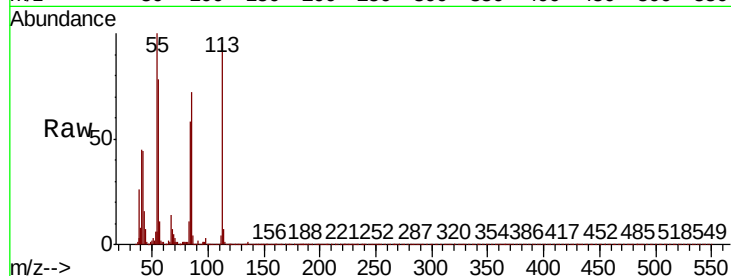




#35
 Caprolactam
 Concen: 5.007 ng
 RT: 8.44 min Scan# 1080
 Delta R.T. -0.04 min
 Lab File: BP000527.D
 Acq: 04 Oct 2019 23:13

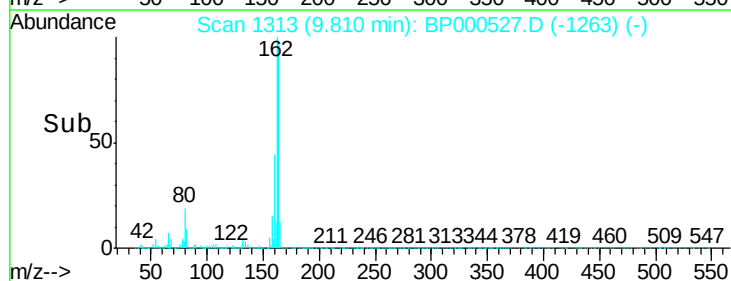
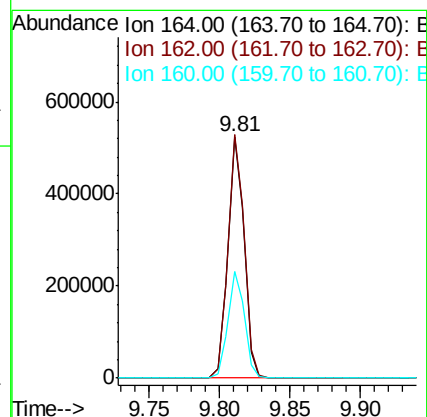
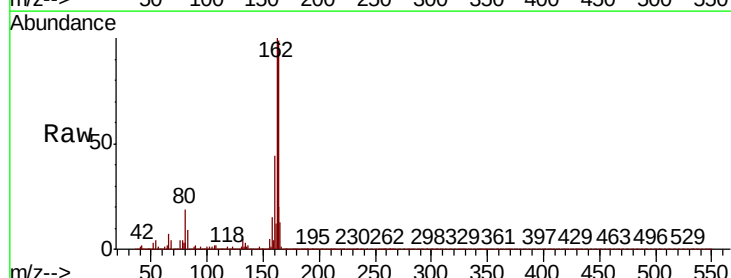
Instrument :
 BNA_P
 ClientSampleId :
 MW-104I

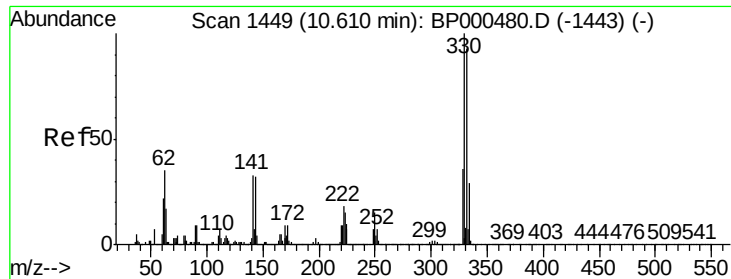
Tot Ion:113 Resp: 17576
 Ion Ratio Lower Upper
 113 100
 55 105.3 95.9 135.9
 56 82.3 67.2 107.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BP000527.D
 Acq: 04 Oct 2019 23:13

Tgt Ion:164 Resp: 417895
 Ion Ratio Lower Upper
 164 100
 162 100.9 82.2 123.2
 160 44.0 37.6 56.4

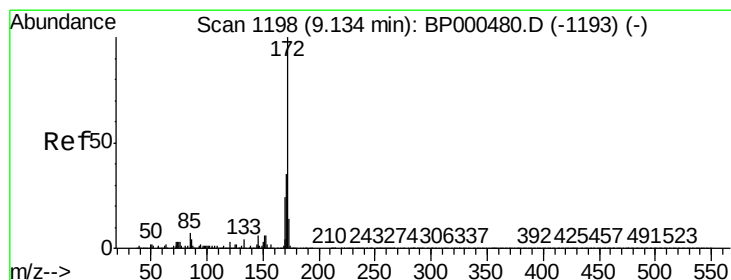
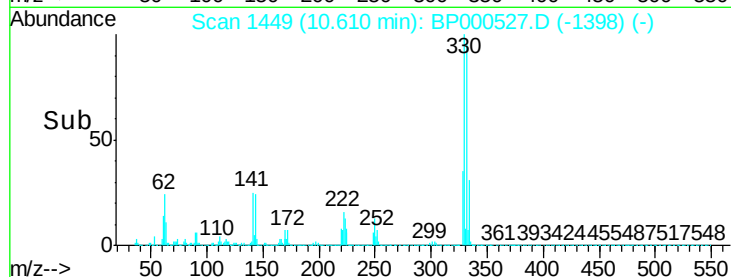
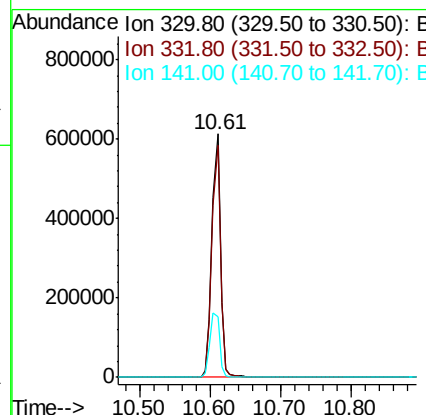
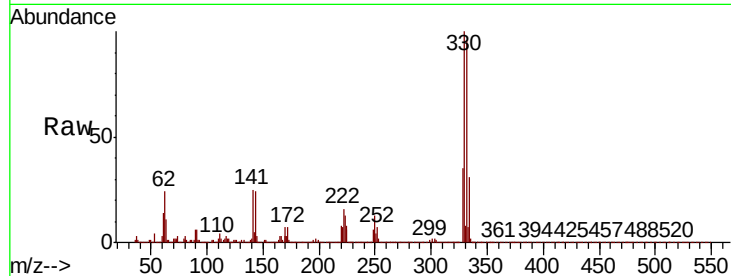




#42
2,4,6-Tribromophenol
Concen: 117.141 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BP000527.D
Acq: 04 Oct 2019 23:13

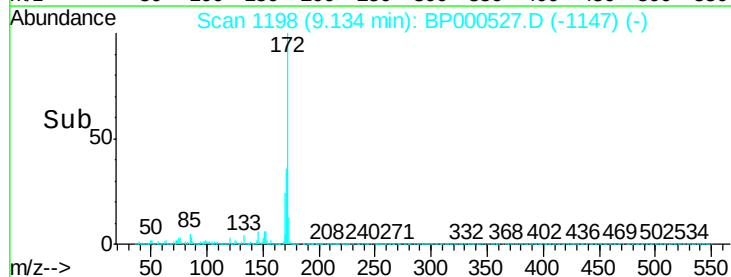
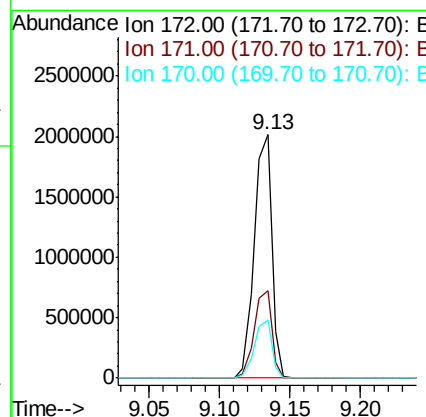
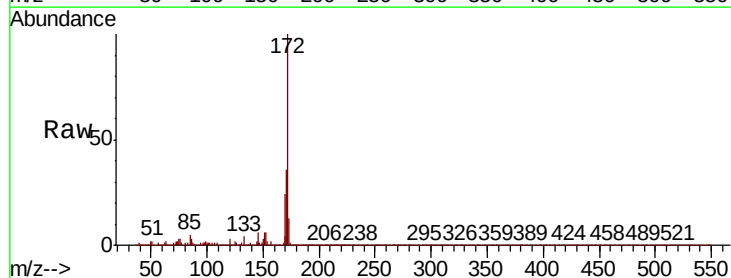
Instrument :
BNA_P
ClientSampleId :
MW-104I

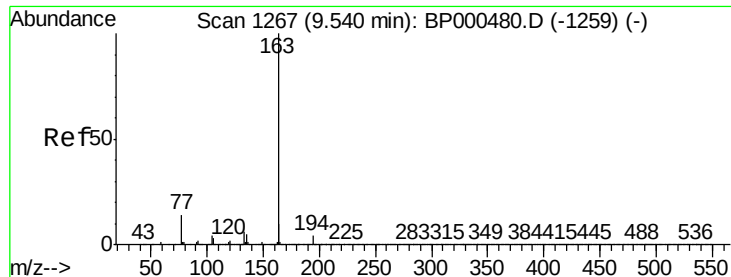
Tot Ion:330 Resp: 521650
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 29.8 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 68.684 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BP000527.D
Acq: 04 Oct 2019 23:13

Tgt Ion:172 Resp: 1773975
Ion Ratio Lower Upper
172 100
171 36.1 28.4 42.6
170 23.8 19.1 28.7

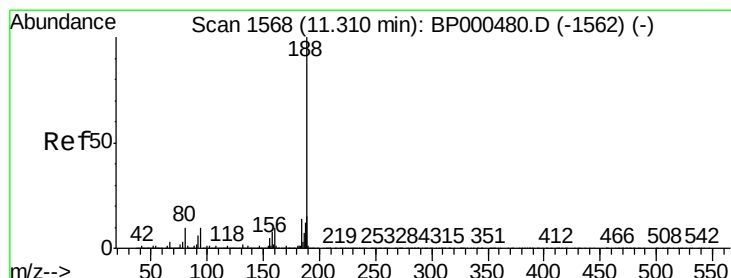
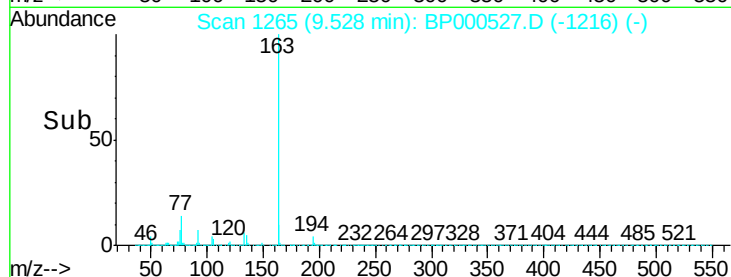
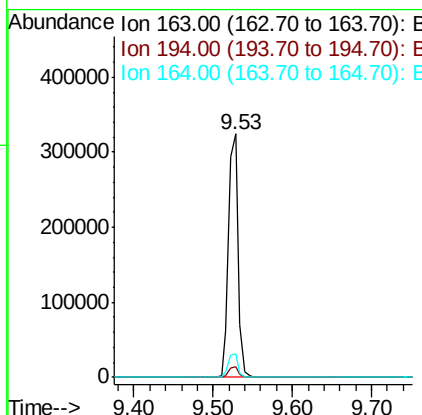
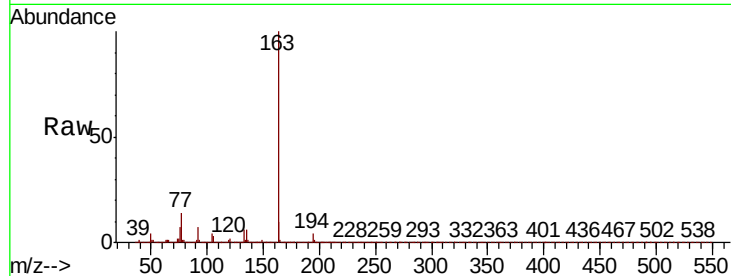




#50
Dimethylphthalate
Concen: 9.372 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP000527.D
Acq: 04 Oct 2019 23:13

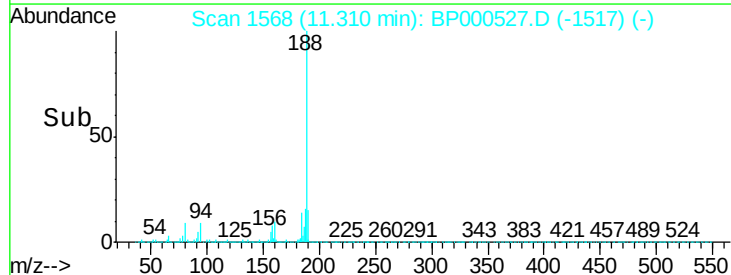
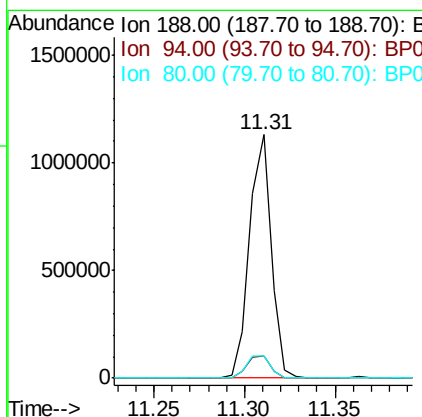
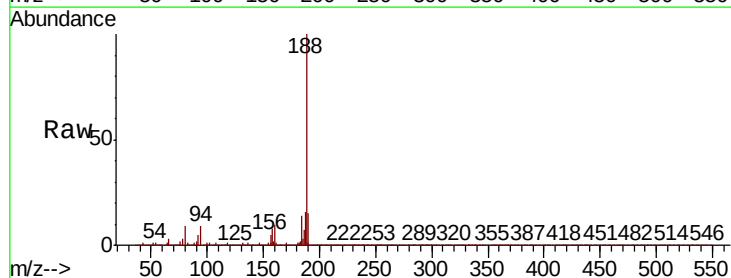
Instrument :
BNA_P
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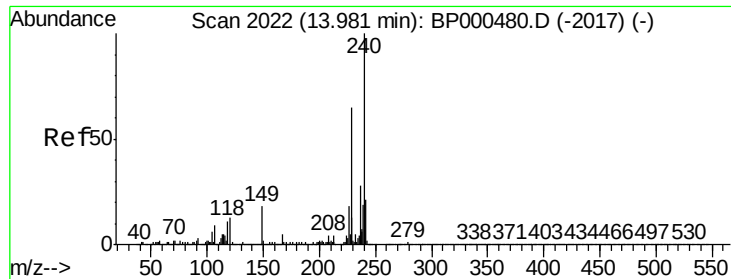
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	9.6	8.0	12.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BP000527.D
Acq: 04 Oct 2019 23:13

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

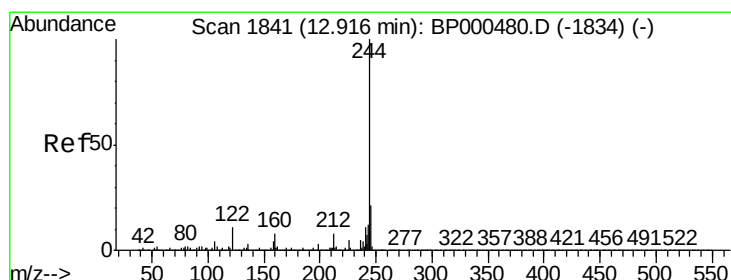
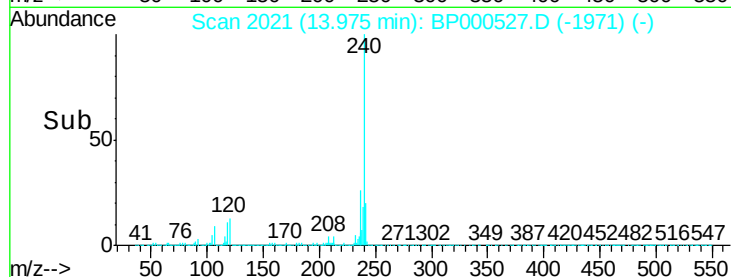
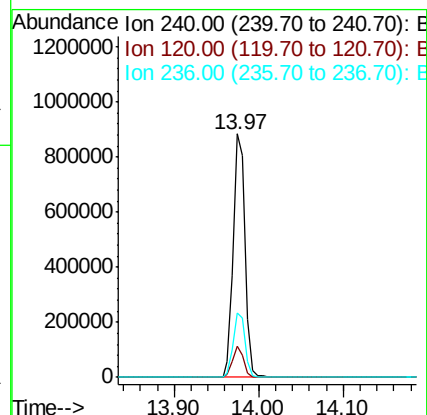
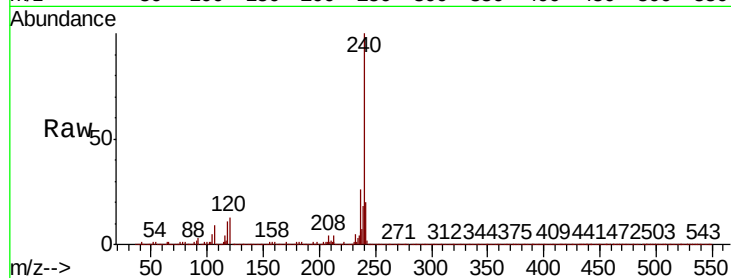




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000527.D
Acq: 04 Oct 2019 23:13

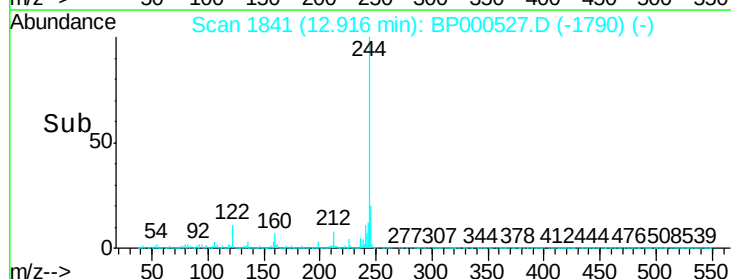
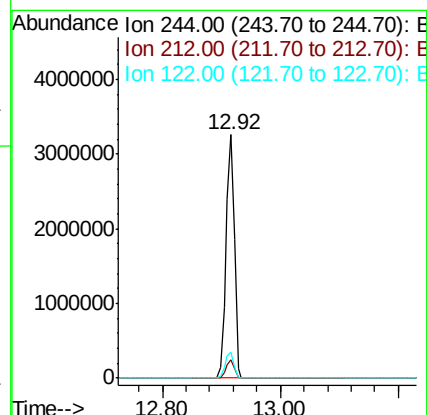
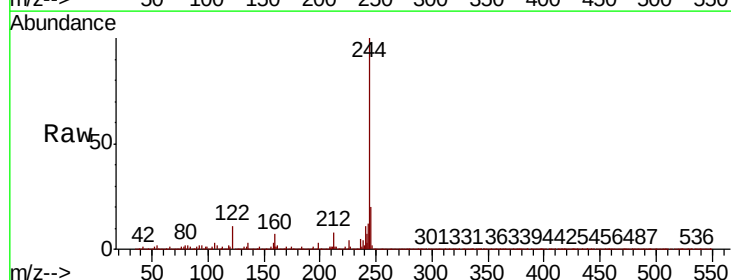
Instrument :
BNA_P
ClientSampleId :
MW-104I

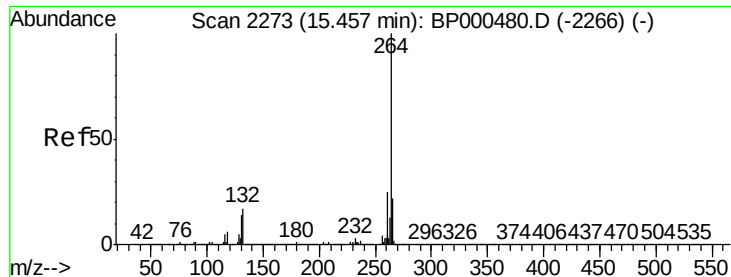
Tot Ion:240 Resp: 841888
Ion Ratio Lower Upper
240 100
120 12.9 10.1 15.1
236 26.2 22.7 34.1



#79
Terphenyl-d14
Concen: 74.710 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BP000527.D
Acq: 04 Oct 2019 23:13

Tgt Ion:244 Resp: 3106479
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 10.5 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: BP000527.D
Acq: 04 Oct 2019 23:13

Instrument :
BNA_P
ClientSampleId :
MW-104I

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.3	30.5
265	21.9	18.0	27.0

