

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091120\
 Data File : BP003263.D
 Acq On : 11 Sep 2020 16:43
 Operator : CG/JU
 Sample : L3943-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 357

Quant Time: Sep 11 17:43:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

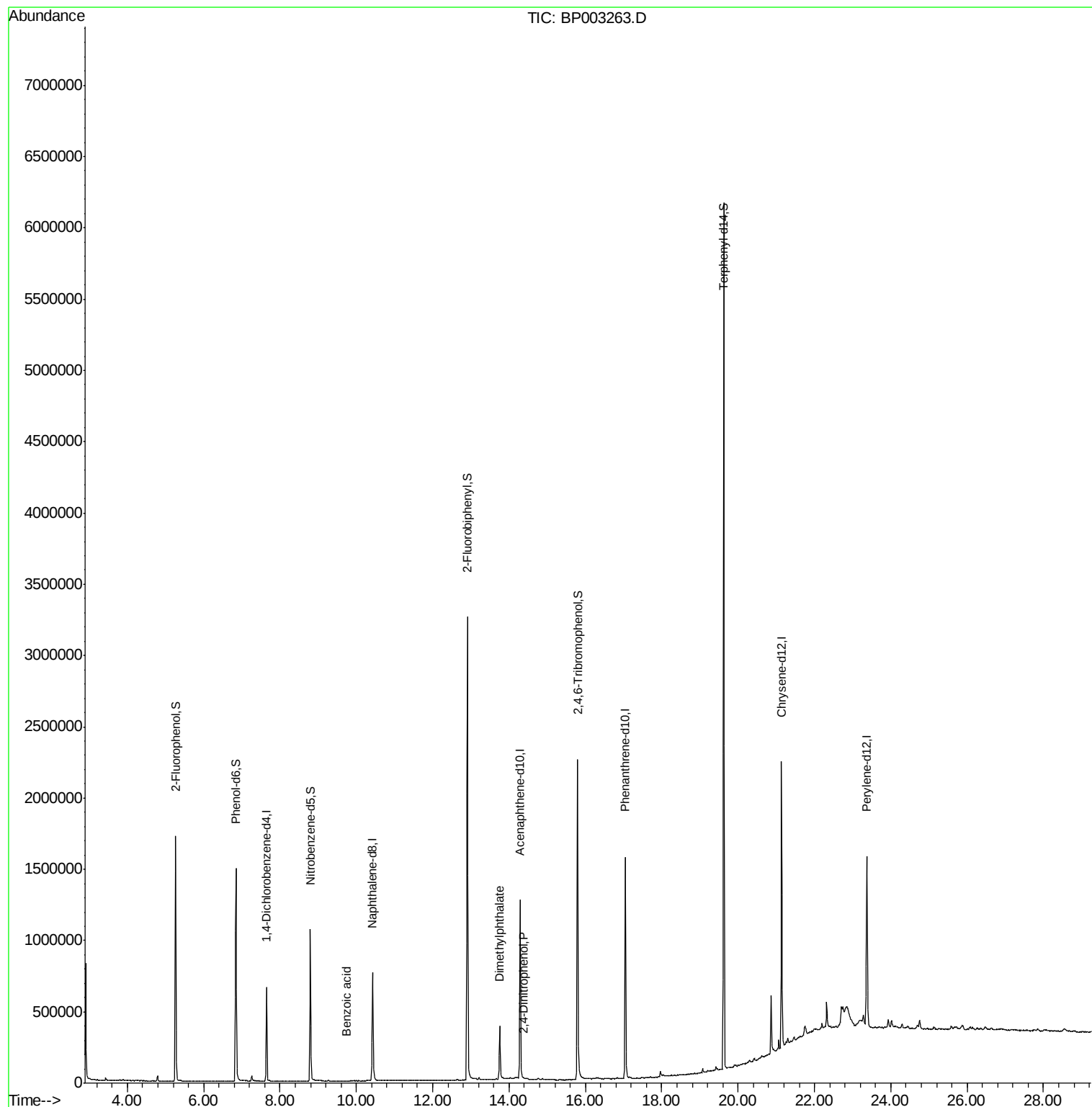
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	199952	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	786485	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	487896	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1048156	20.00	ng	0.00
76) Chrysene-d12	21.14	240	1001665	20.00	ng	0.00
86) Perylene-d12	23.37	264	888749	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	902827	79.83	ng	0.00
7) Phenol-d6	6.85	99	1082633	76.37	ng	0.01
23) Nitrobenzene-d5	8.79	82	667971	61.23	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	610667	92.54	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	1936437	58.12	ng	0.00
79) Terphenyl-d14	19.62	244	2753542	60.49	ng	0.00
Target Compounds						
32) Benzoic acid	9.75	122	40	9.001	ng	Qvalue # 26
50) Dimethylphthalate	13.75	163	343238	9.225	ng	100
54) 2,4-Dinitrophenol	14.38	184	76	7.771	ng	# 34

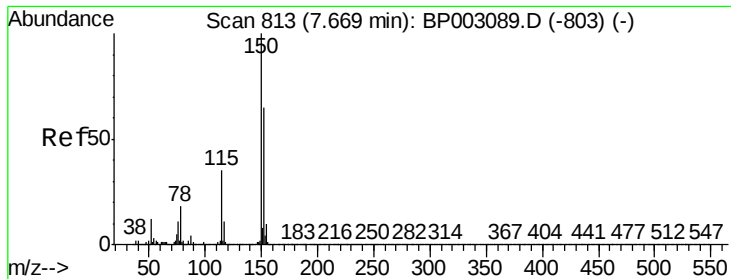
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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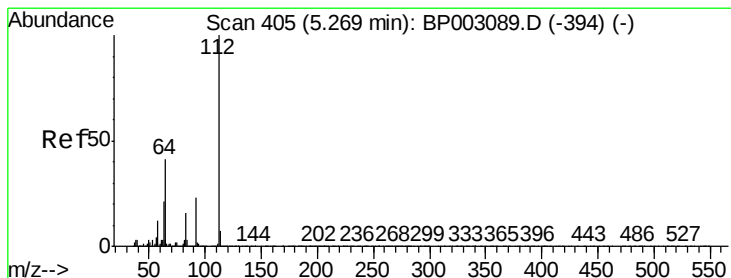
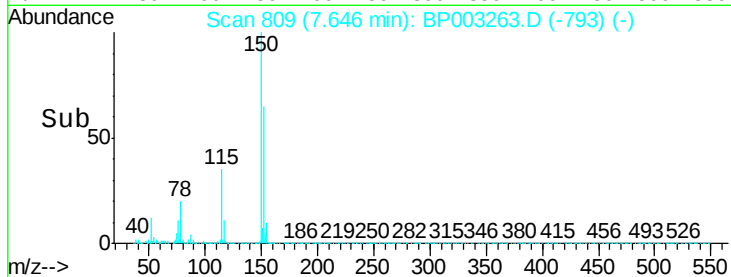
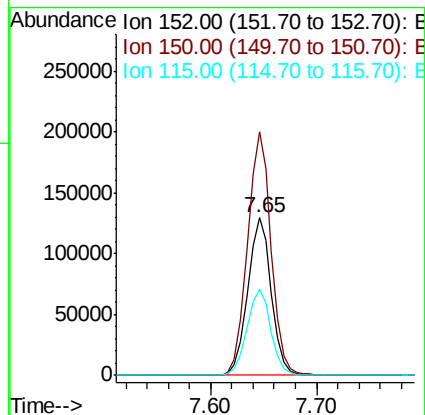
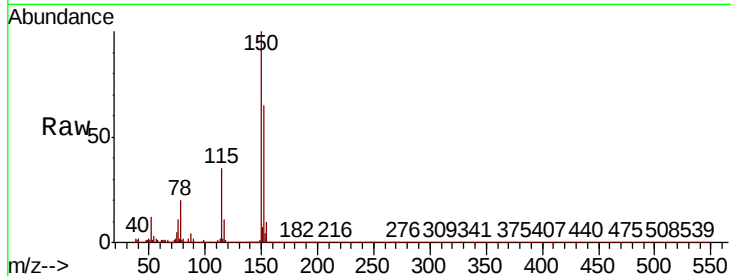


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 809
Delta R.T. -0.01 min
Lab File: BP003263.D
Acq: 11 Sep 2020 16:43

Instrument :
BNA_G
ClientSampled :
357

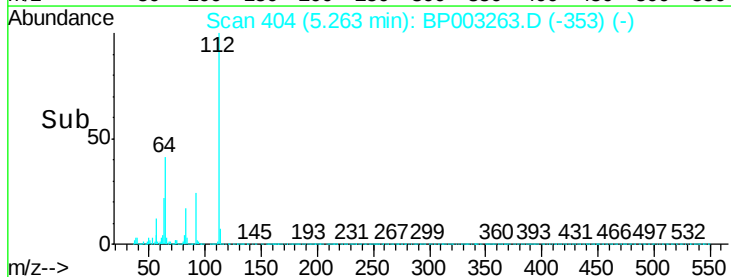
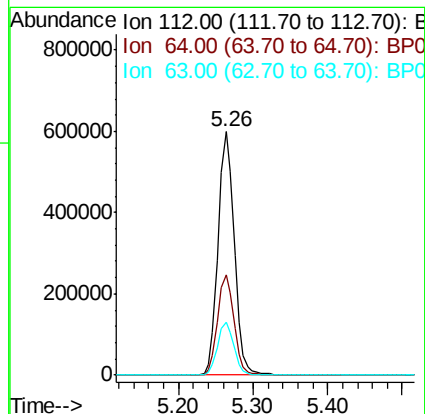
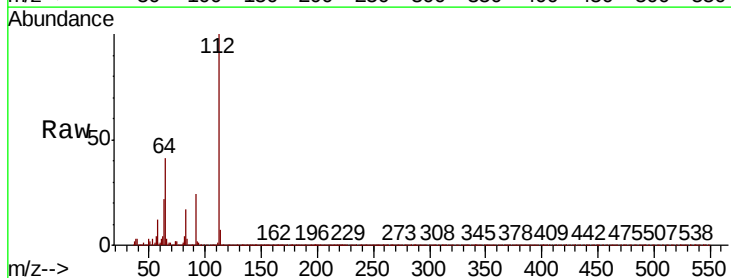
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.8	185.6
115	54.5	43.8	65.6

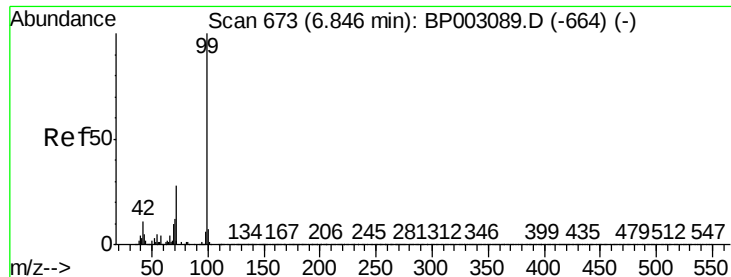


#5

2-Fluorophenol
Concen: 79.830 ng
RT: 5.26 min Scan# 404
Delta R.T. -0.00 min
Lab File: BP003263.D
Acq: 11 Sep 2020 16:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.0	32.8	49.2
63	21.8	17.0	25.4





#7

Phenol-d6

Concen: 76.365 ng

RT: 6.85 min Scan# 673

Delta R.T. 0.01 min

Lab File: BP003263.D

Acq: 11 Sep 2020 16:43

Instrument :

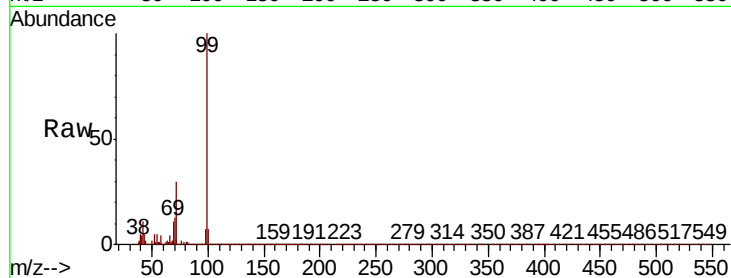
BNA_G

ClientSampleId :

357

Tot Ion: 99 Resp: 1082633

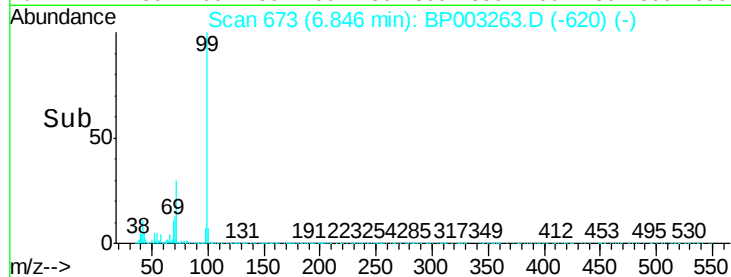
Ion	Ratio	Lower	Upper
99	100		
42	11.4	8.6	13.0
71	30.4	23.4	35.2



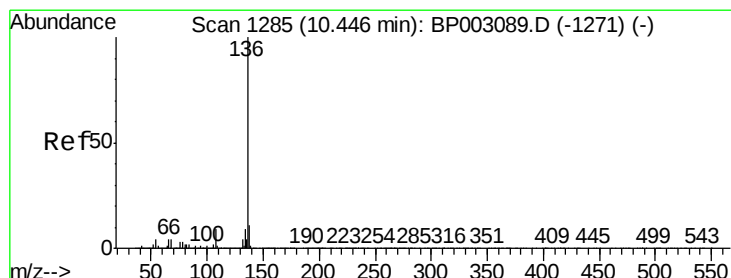
Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1282

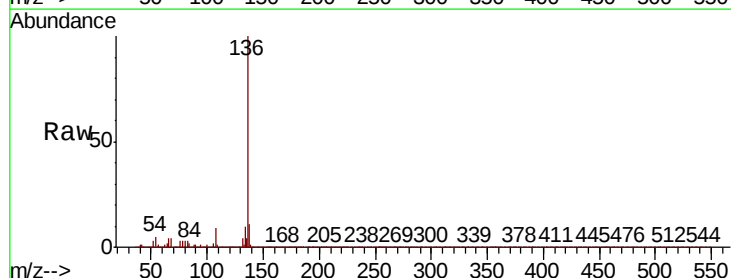
Delta R.T. -0.01 min

Lab File: BP003263.D

Acq: 11 Sep 2020 16:43

Tgt Ion: 136 Resp: 786485

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	4.8	3.6	5.4
68	4.3	3.3	4.9

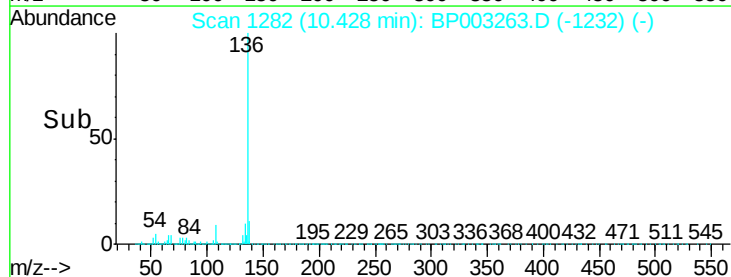


Abundance Ion 136.00 (135.70 to 136.70): E

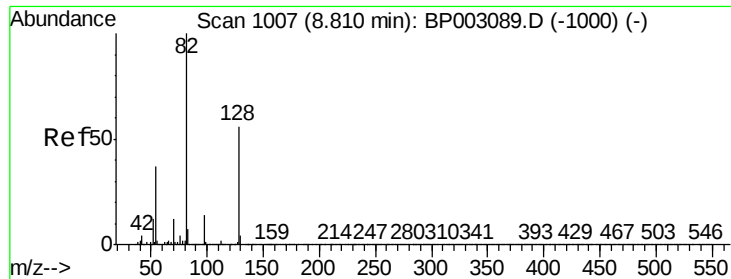
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



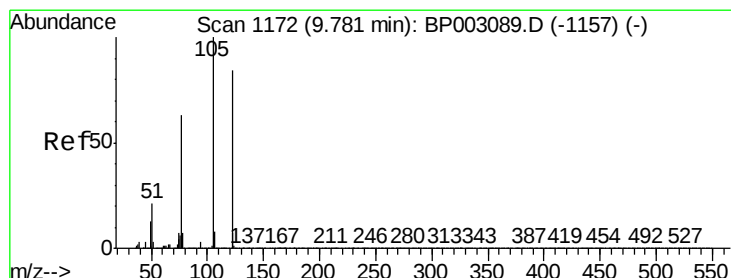
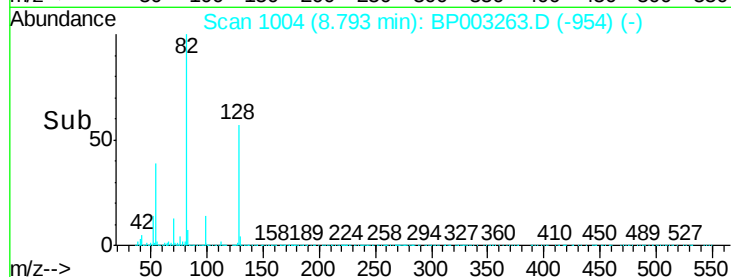
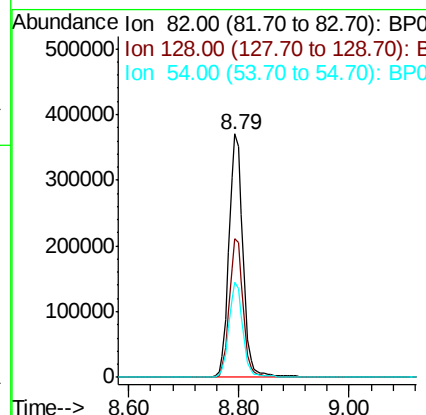
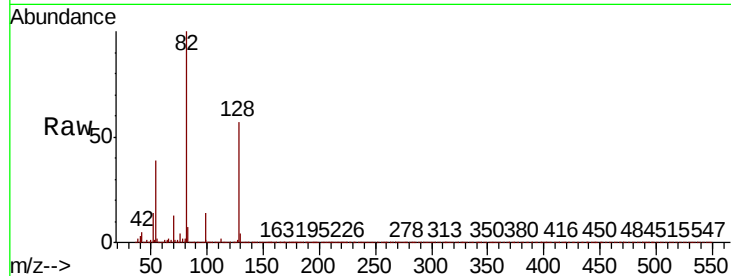
Time-->



#23
Nitrobenzene-d5
Concen: 61.227 ng
RT: 8.79 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BP003263.D
Acq: 11 Sep 2020 16:43

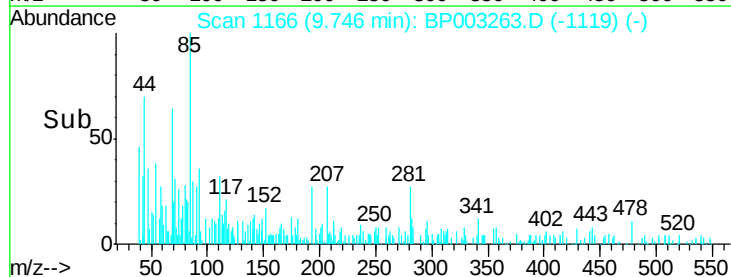
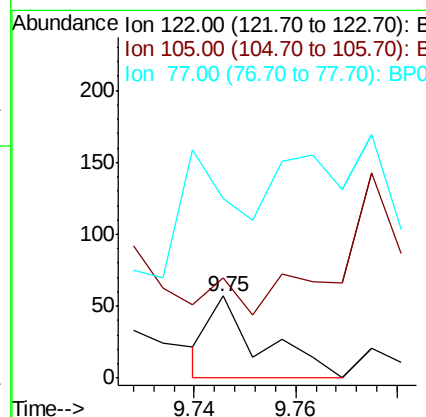
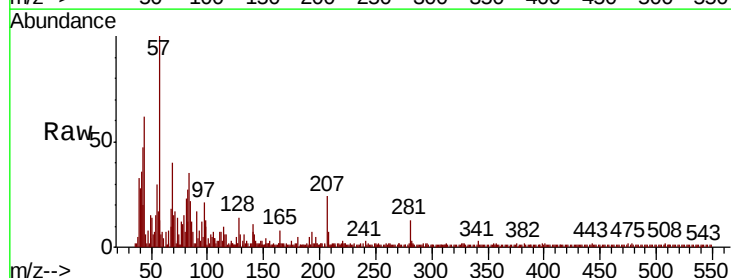
Instrument :
BNA_G
ClientSampled :
357

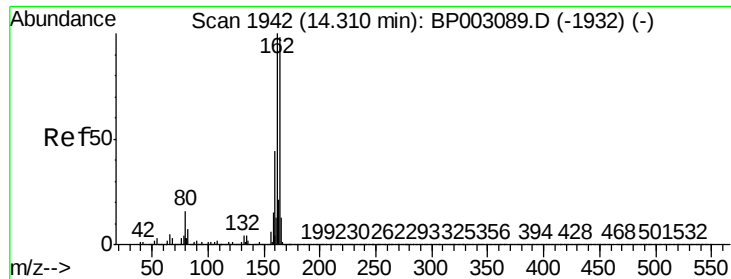
Tot Ion	82	Resp	667971
Ion Ratio	100	Lower	Upper
128	56.9	45.6	68.4
54	38.9	30.1	45.1



#32
Benzoic acid
Concen: 9.001 ng
RT: 9.75 min Scan# 1166
Delta R.T. -0.02 min
Lab File: BP003263.D
Acq: 11 Sep 2020 16:43

Tgt Ion	122	Resp	40
Ion Ratio	100	Lower	Upper
105	122.8	94.1	134.1
77	219.3	50.1	90.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BP003263.D

Acq: 11 Sep 2020 16:43

Instrument :

BNA_G

ClientSampleId :

357

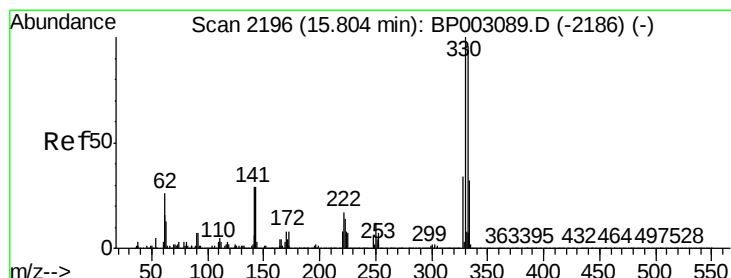
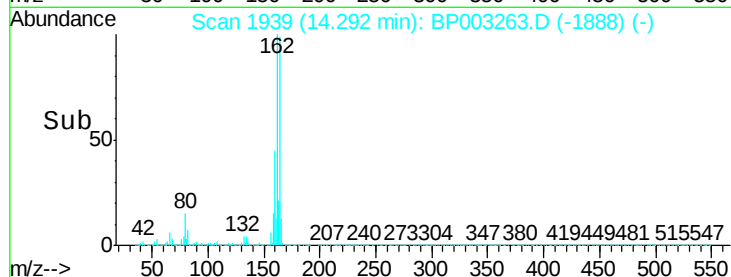
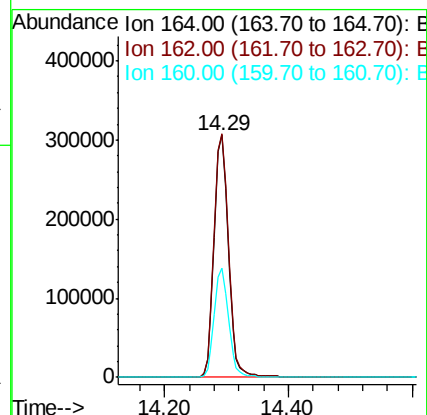
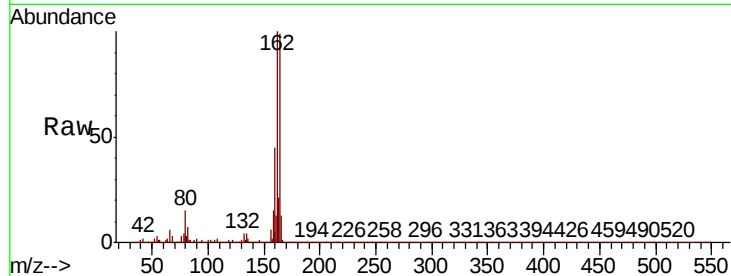
Tot Ion:164 Resp: 487896

Ion Ratio Lower Upper

164 100

162 100.6 79.4 119.2

160 45.2 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 92.544 ng

RT: 15.79 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BP003263.D

Acq: 11 Sep 2020 16:43

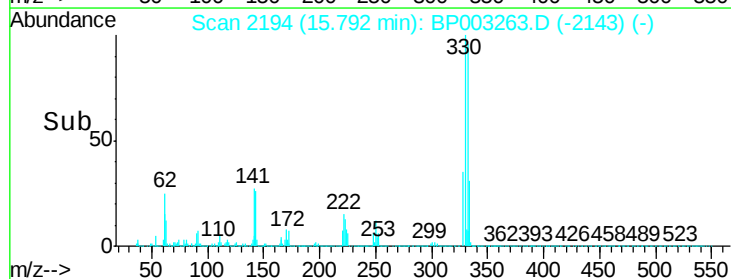
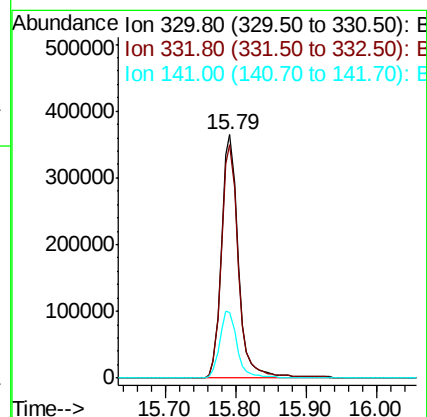
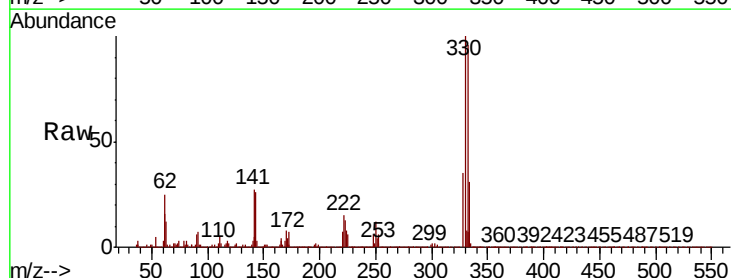
Tgt Ion:330 Resp: 610667

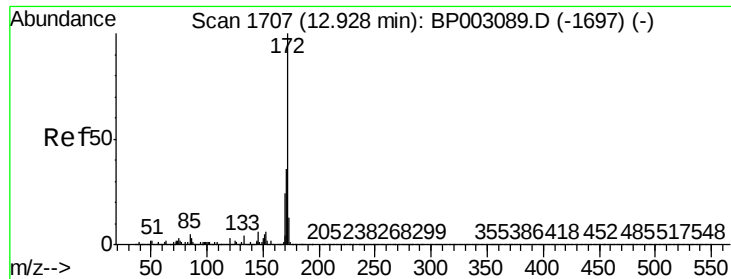
Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

141 28.7 23.4 35.2

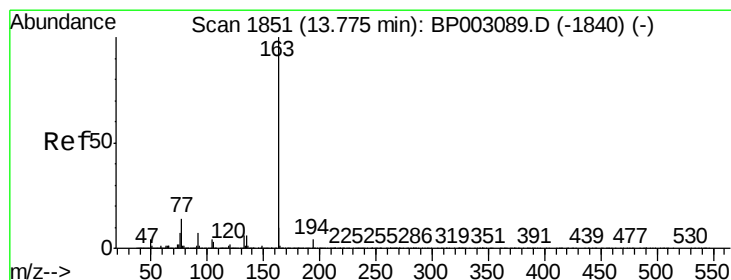
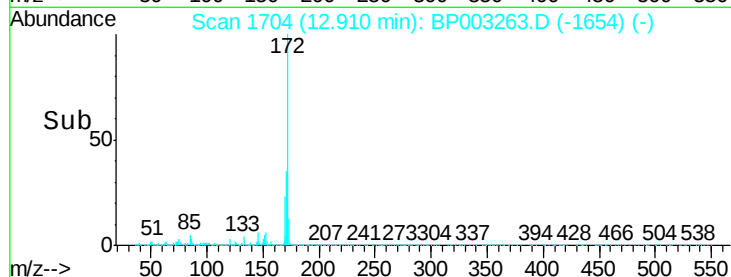
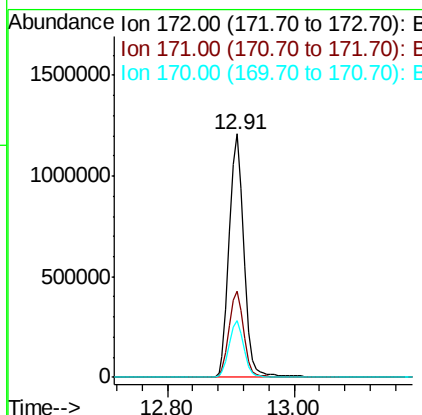
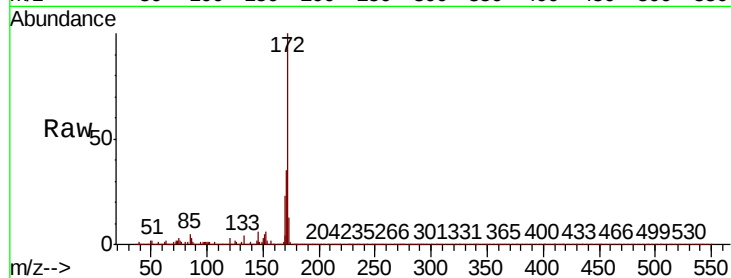




#45
2-Fluorobiphenyl
Concen: 58.123 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BP003263.D
Acq: 11 Sep 2020 16:43

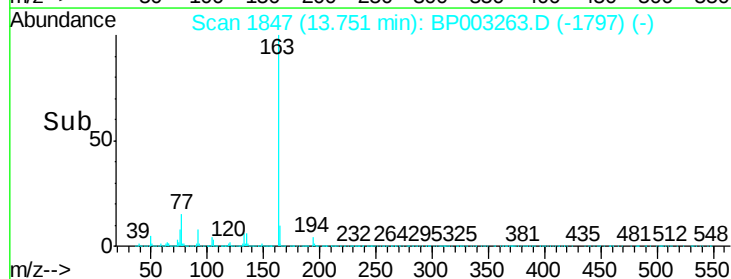
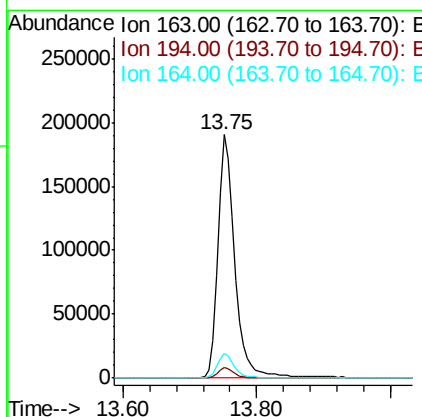
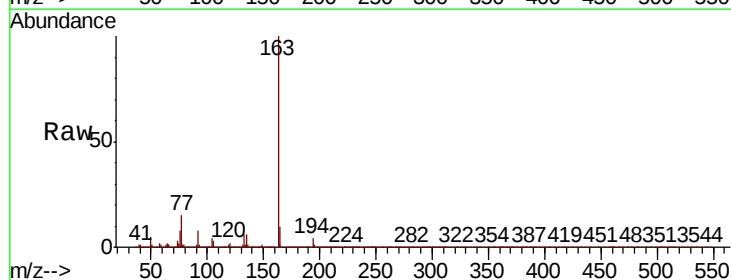
Instrument :
BNA_G
ClientSampleId :
357

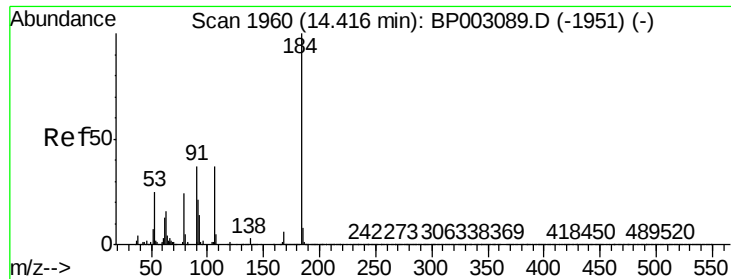
Tot Ion:172 Resp: 1936437
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.5 19.2 28.8



#50
Dimethylphthalate
Concen: 9.225 ng
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BP003263.D
Acq: 11 Sep 2020 16:43

Tgt Ion:163 Resp: 343238
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.0 8.2 12.2

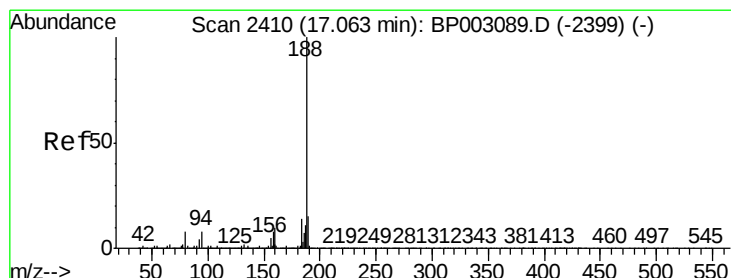
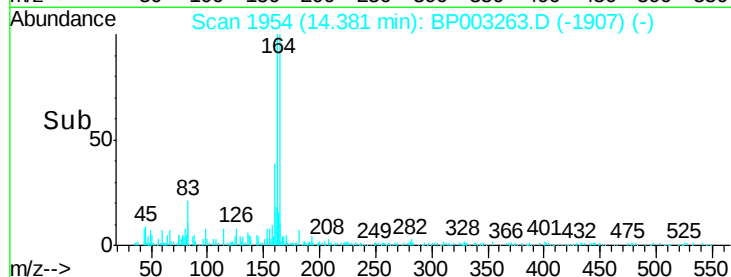
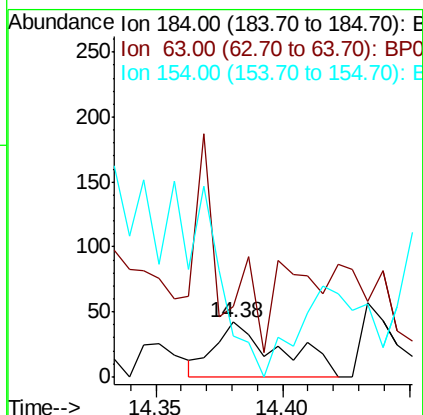
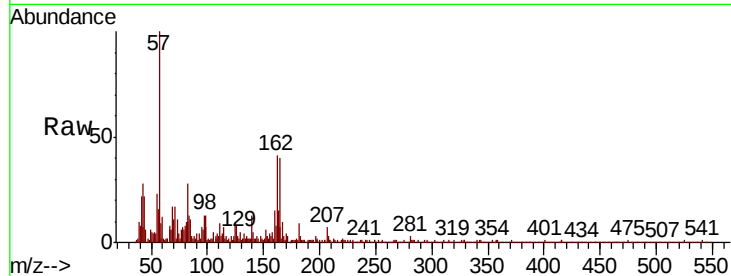




#54
2,4-Dinitrophenol
Concen: 7.771 ng
RT: 14.38 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BP003263.D
Acq: 11 Sep 2020 16:43

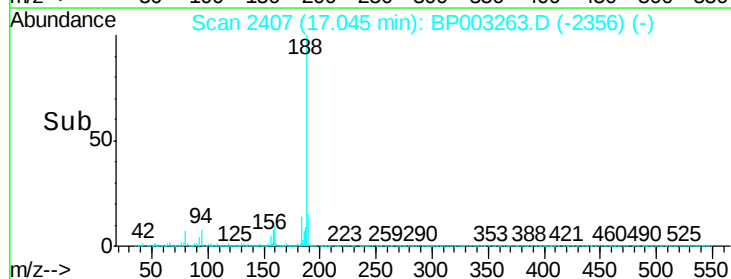
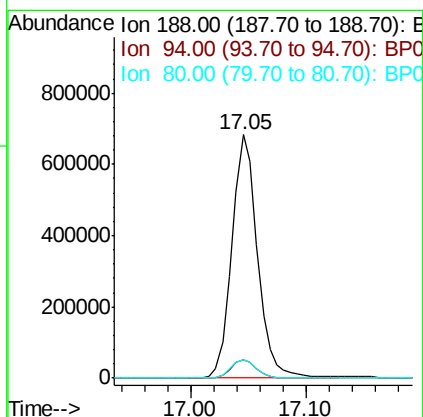
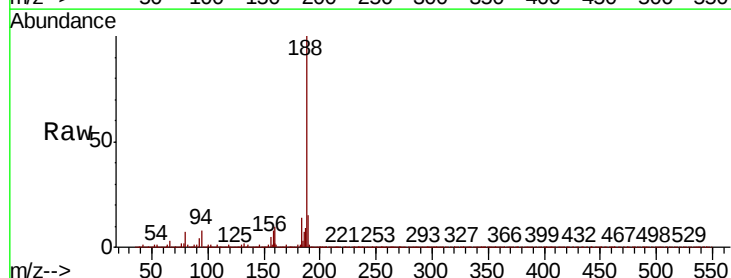
Instrument :
BNA_G
ClientSampleId :
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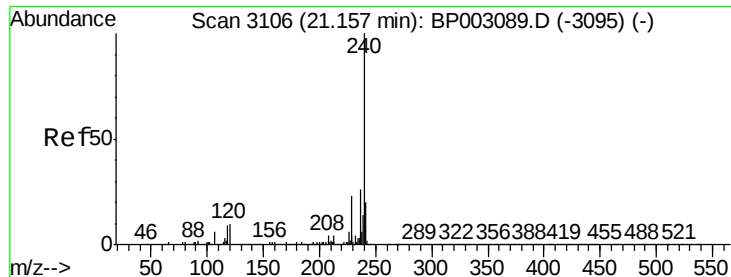
Tot Ion:184 Resp: 76
Ion Ratio Lower Upper
184 100
63 128.6 32.3 48.5#
154 73.8 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BP003263.D
Acq: 11 Sep 2020 16:43

Tgt Ion:188 Resp: 1048156
Ion Ratio Lower Upper
188 100
94 7.6 6.2 9.2
80 7.5 6.2 9.2

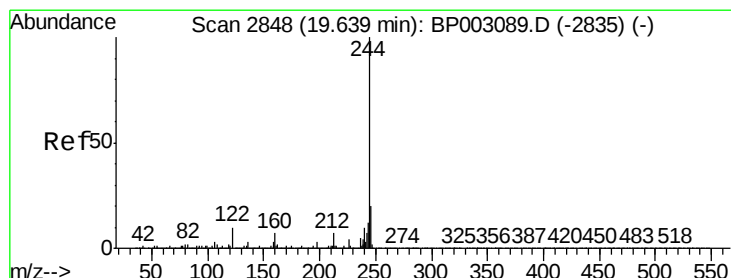
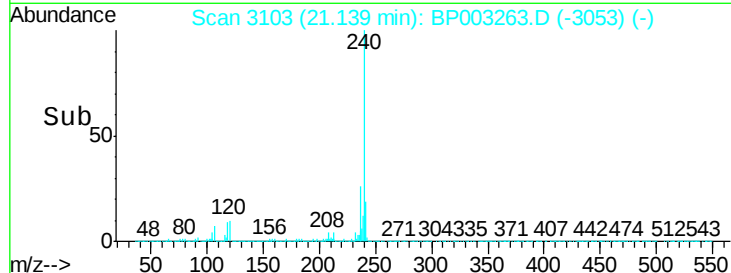
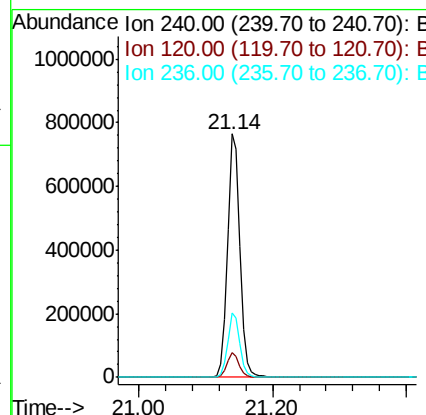
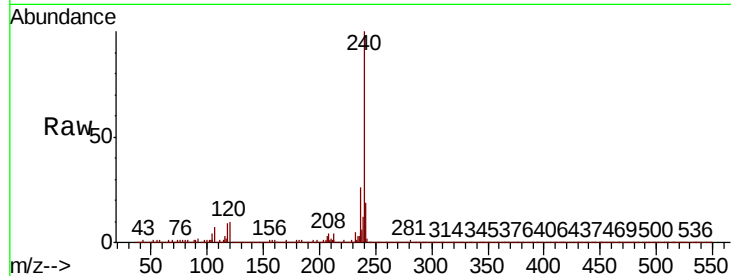




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.14 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BP003263.D
 Acq: 11 Sep 2020 16:43

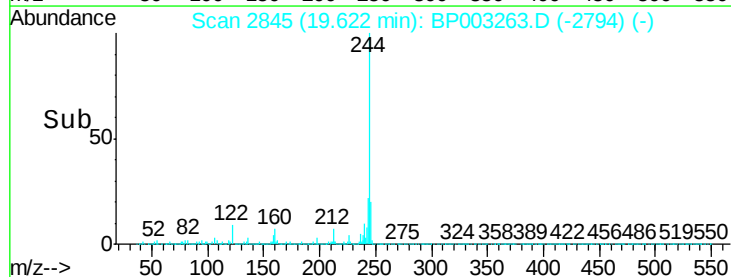
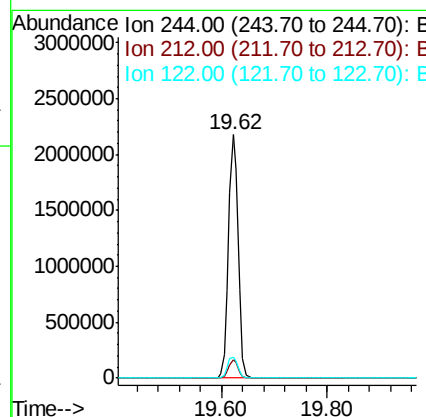
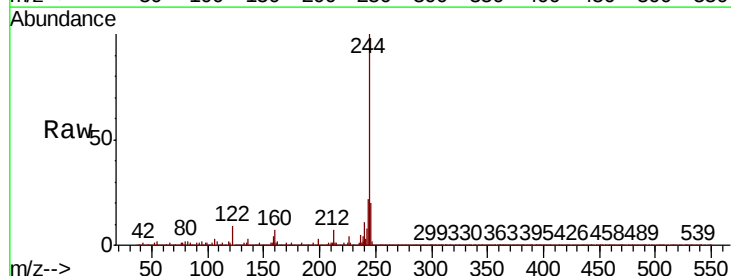
Instrument :
 BNA_G
 ClientSampleId :
 357

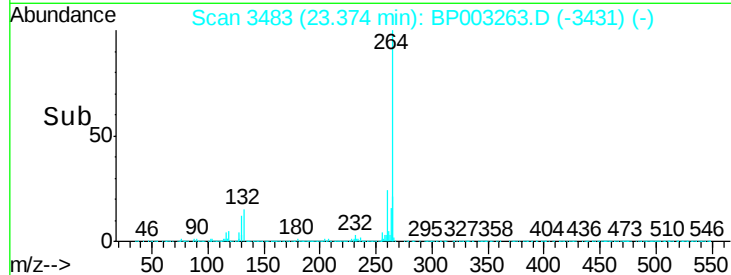
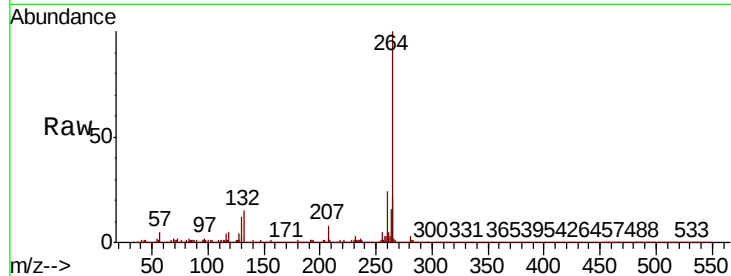
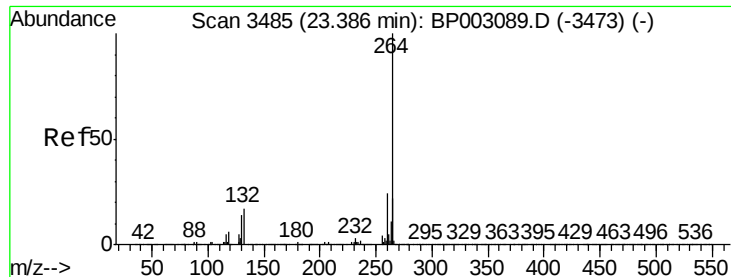
Tot Ion:240 Resp: 1001665
 Ion Ratio Lower Upper
 240 100
 120 10.1 7.8 11.6
 236 26.5 20.8 31.2



#79
 Terphenyl-d14
 Concen: 60.489 ng
 RT: 19.62 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BP003263.D
 Acq: 11 Sep 2020 16:43

Tgt Ion:244 Resp: 2753542
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 8.7 7.8 11.8





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3483
Delta R.T. 0.01 min
Lab File: BP003263.D
Acq: 11 Sep 2020 16:43

Instrument :
BNA_G
ClientSampleId :
357

Tot Ion:	264	Resp:	888749
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.5	17.4	26.2

