

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060220\
 Data File : BP002354.D
 Acq On : 02 Jun 2020 13:11
 Operator : CG/JU
 Sample : L2814-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 02 15:04:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 02 12:11:53 2020
 Response via : Initial Calibration

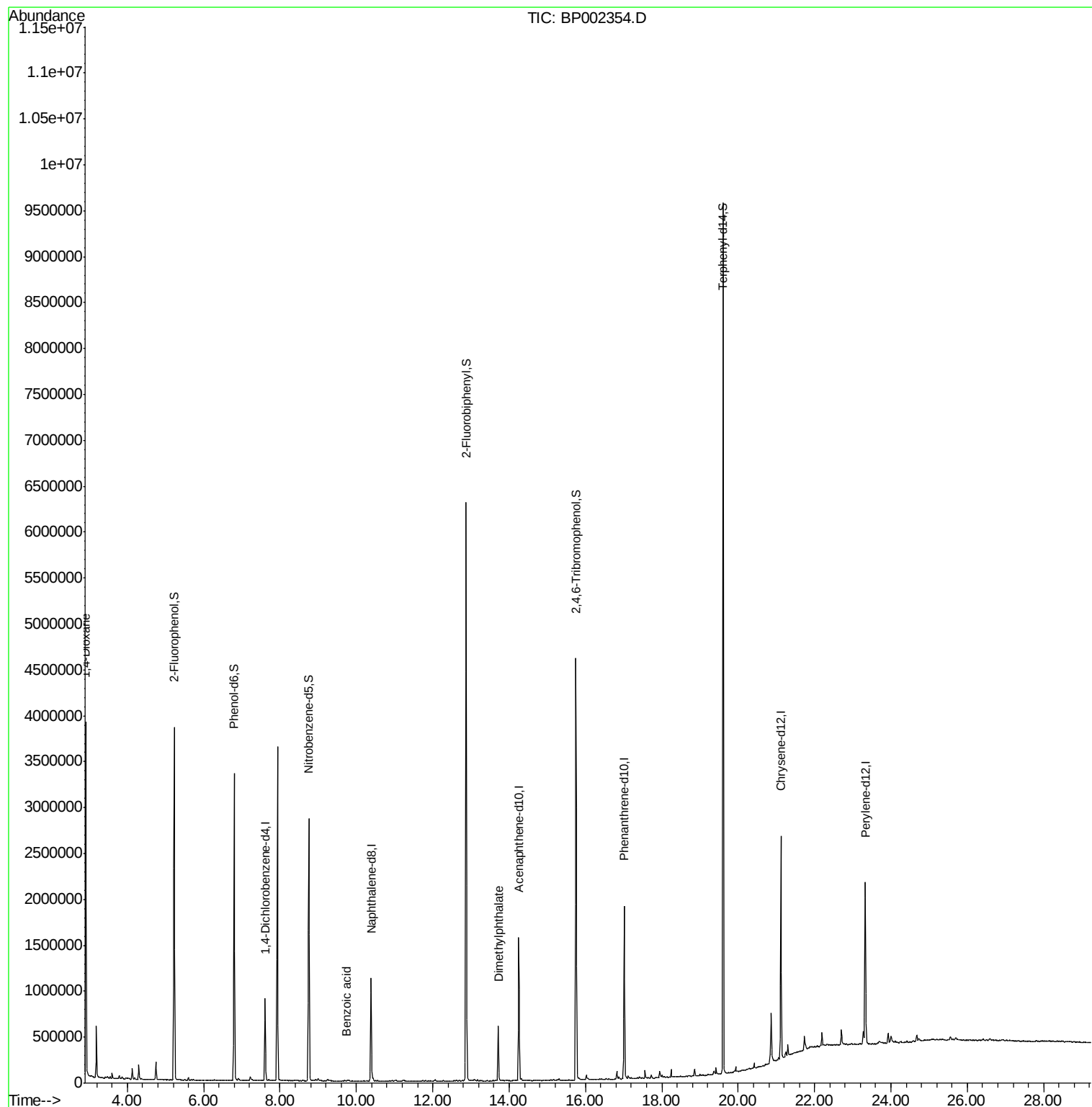
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	234267	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	901229	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	522829	20.00	ng	-0.01
64) Phenanthrene-d10	17.01	188	1105235	20.00	ng	-0.01
76) Chrysene-d12	21.12	240	1111262	20.00	ng	-0.01
86) Perylene-d12	23.33	264	1186091	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1658190	132.94	ng	0.00
7) Phenol-d6	6.80	99	1922044	113.28	ng	0.00
23) Nitrobenzene-d5	8.75	82	1659591	110.71	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	866001	174.77	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3394244	114.55	ng	0.00
79) Terphenyl-d14	19.60	244	4800458	104.61	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.92	88	19819	3.455	ng	# 1
32) Benzoic acid	9.74	122	368	4.847	ng	# 31
50) Dimethylphthalate	13.72	163	395685	11.181	ng	99

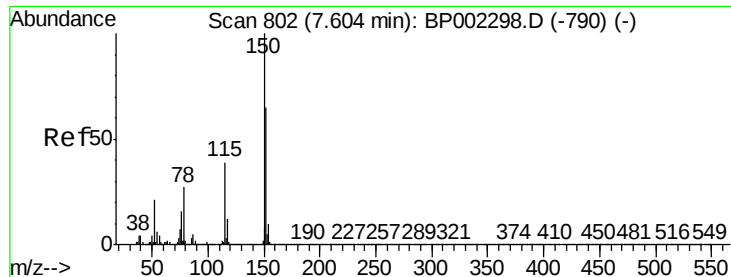
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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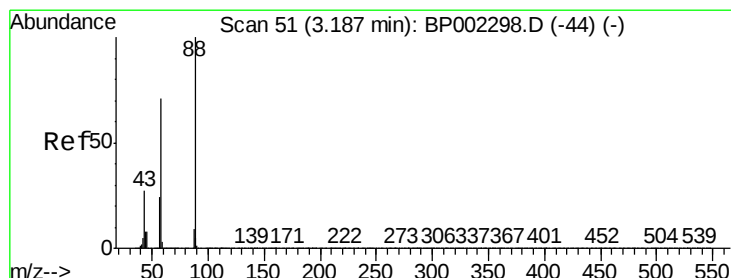
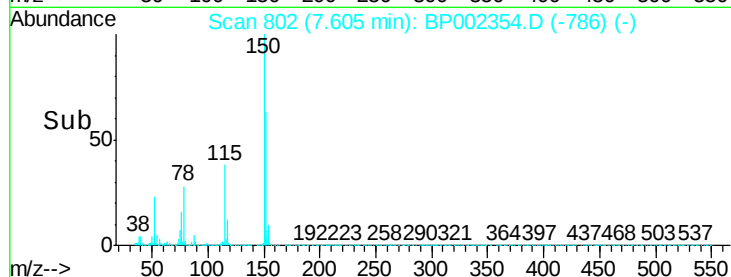
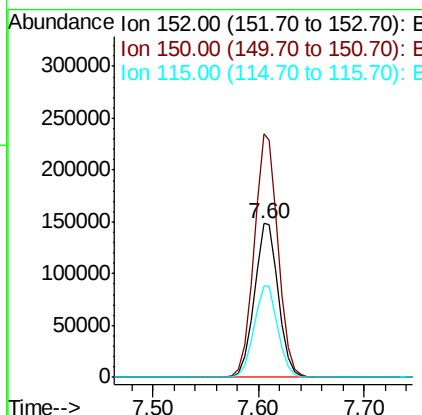
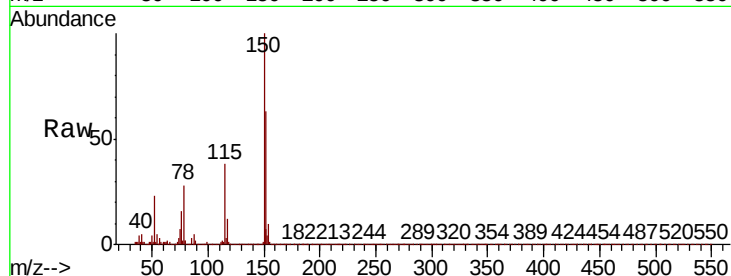


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.01 min
Lab File: BP002354.D
Acq: 02 Jun 2020 13:11

Instrument :
BNA_P
ClientSampleId :

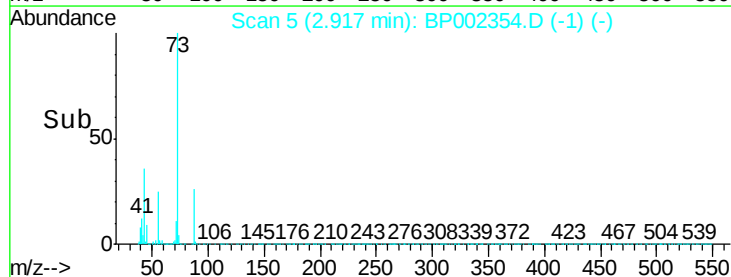
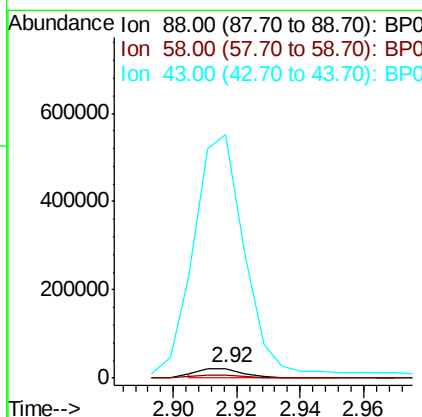
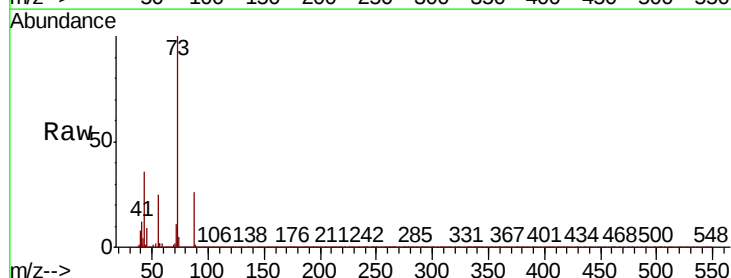
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.7	187.1
115	59.7	49.4	74.2

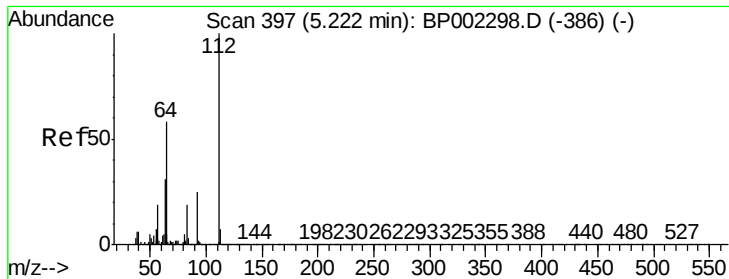


#2

1,4-Dioxane
Concen: 3.455 ng
RT: 2.92 min Scan# 5
Delta R.T. -0.26 min
Lab File: BP002354.D
Acq: 02 Jun 2020 13:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	31.5	57.3	85.9#
43	2505.3	21.6	32.4#





#5

2-Fluorophenol

Concen: 132.938 ng

RT: 5.23 min Scan# 398

Delta R.T. 0.00 min

Lab File: BP002354.D

Acq: 02 Jun 2020 13:11

Instrument :

BNA_P

ClientSampled :

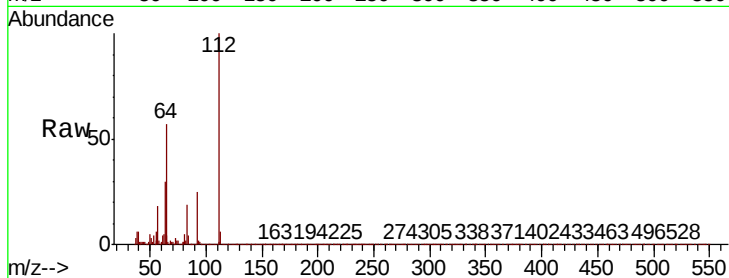
Tot Ion:112 Resp: 1658190

Ion Ratio Lower Upper

112 100

64 57.0 47.0 70.4

63 29.8 24.0 36.0



Abundance Ion 112.00 (111.70 to 112.70): B

1500000 Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0

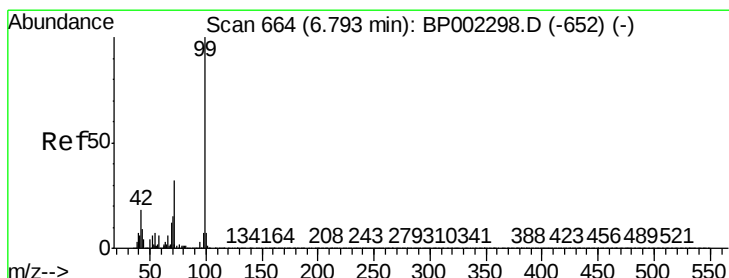
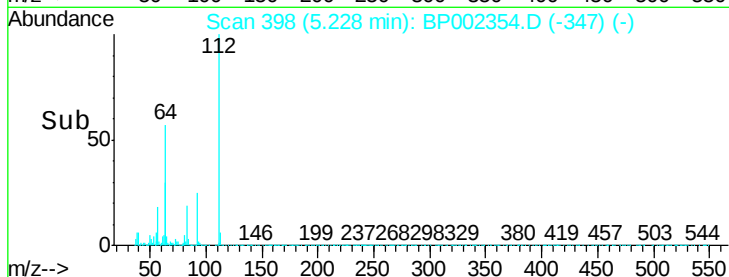
5.23

1000000

500000

0

Time-->



#7

Phenol-d6

Concen: 113.275 ng

RT: 6.80 min Scan# 665

Delta R.T. -0.01 min

Lab File: BP002354.D

Acq: 02 Jun 2020 13:11

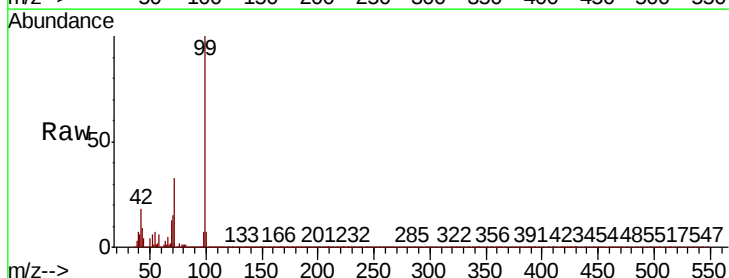
Tgt Ion: 99 Resp: 1922044

Ion Ratio Lower Upper

99 100

42 17.5 13.9 20.9

71 32.9 25.8 38.8



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

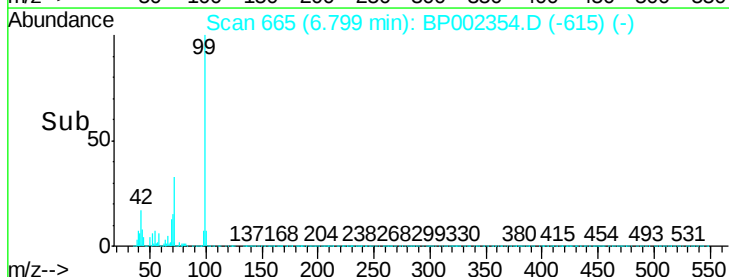
1500000

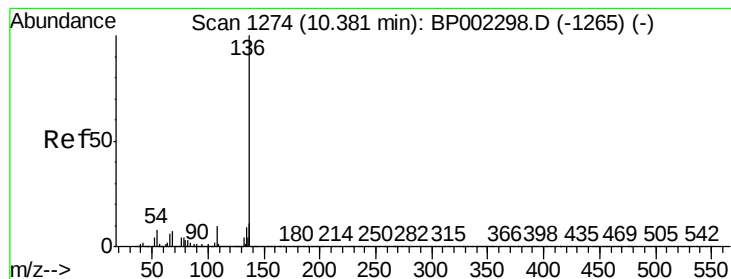
1000000

500000

0

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BP002354.D

Acq: 02 Jun 2020 13:11

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 901229

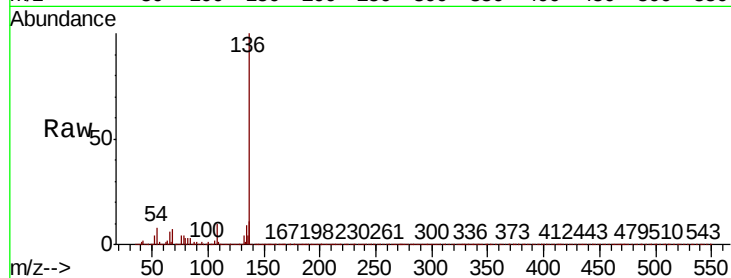
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 8.4 6.9 10.3

68 6.8 5.6 8.4

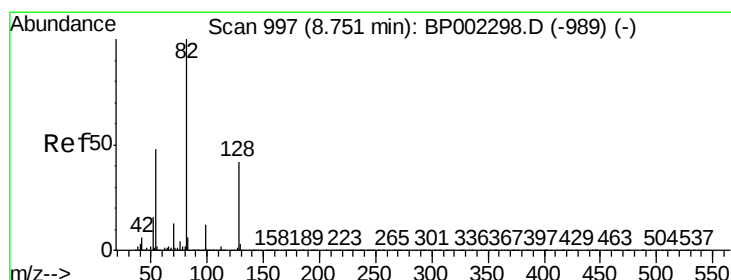
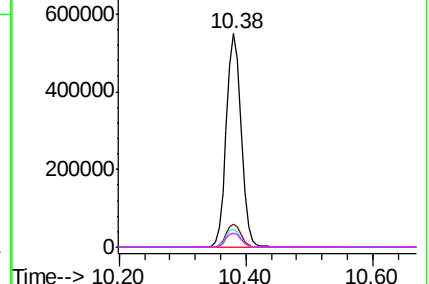
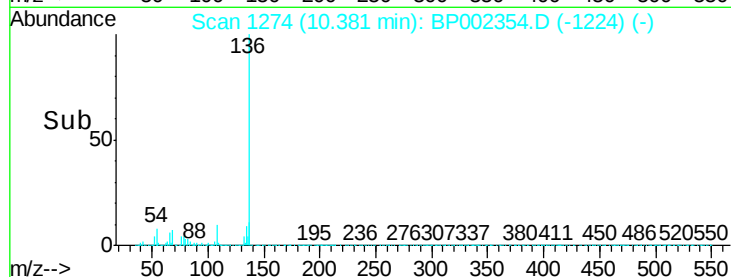


Abundance Ion 136.00 (135.70 to 136.70): E

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: 110.714 ng

RT: 8.75 min Scan# 997

Delta R.T. -0.01 min

Lab File: BP002354.D

Acq: 02 Jun 2020 13:11

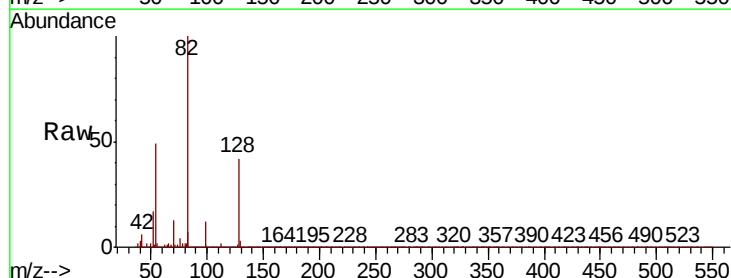
Tgt Ion: 82 Resp: 1659591

Ion Ratio Lower Upper

82 100

128 42.5 33.4 50.0

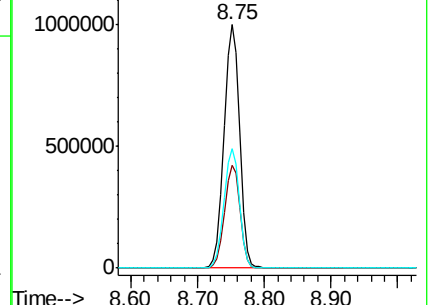
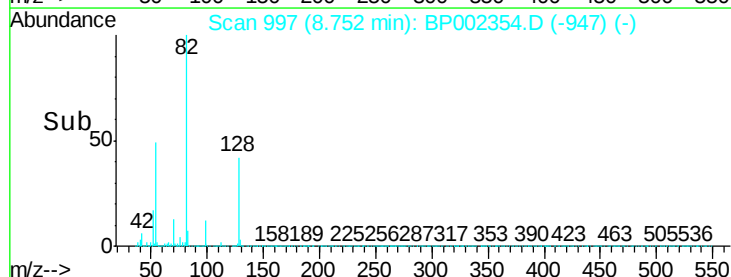
54 49.3 38.3 57.5

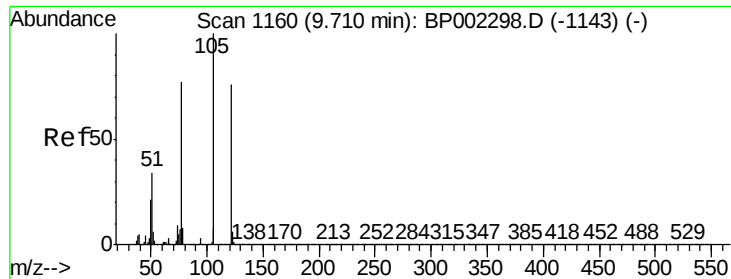


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0





#32

Benzoic acid

Concen: 4.847 ng

RT: 9.74 min Scan# 1165

Delta R.T. 0.00 min

Lab File: BP002354.D

Acq: 02 Jun 2020 13:11

Instrument :

BNA_P

ClientSampled :

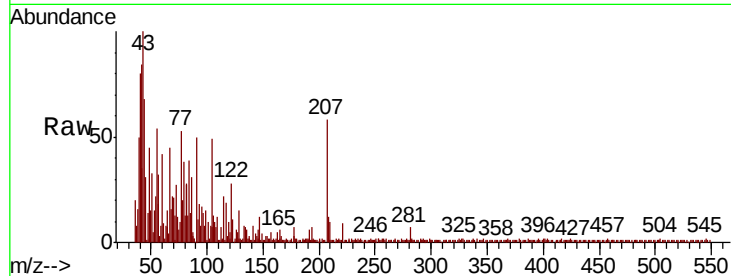
Tot Ion:122 Resp: 368

Ion Ratio Lower Upper

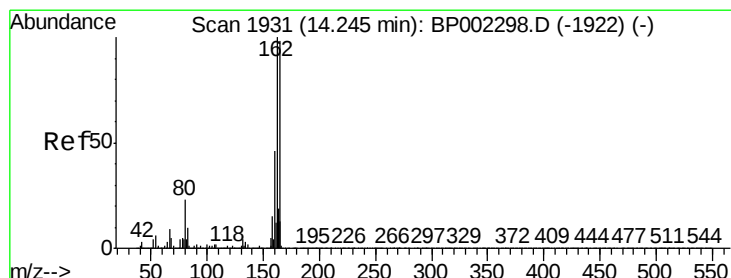
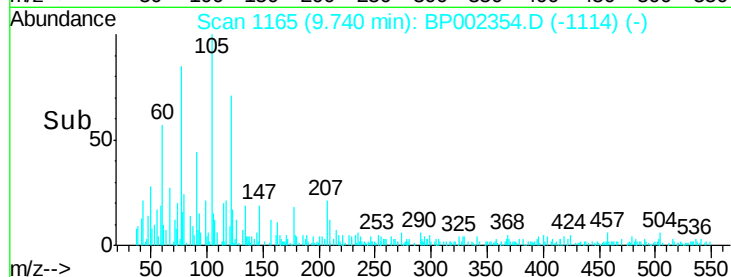
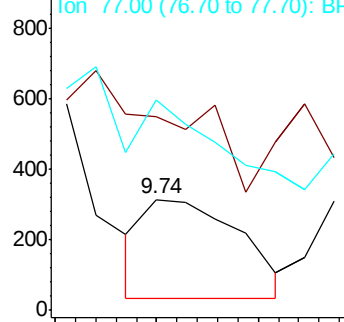
122 100

105 174.8 102.7 142.7#

77 190.7 74.8 114.8#



Abundance Ion 122.00 (121.70 to 122.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.25 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BP002354.D

Acq: 02 Jun 2020 13:11

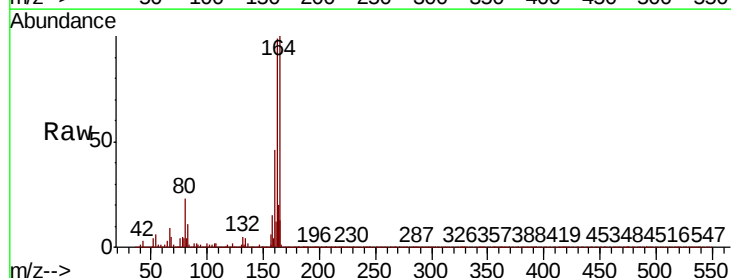
Tgt Ion:164 Resp: 522829

Ion Ratio Lower Upper

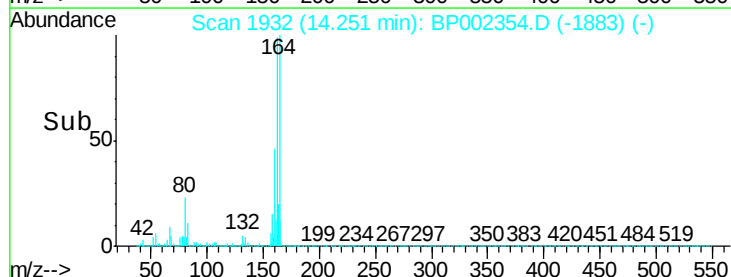
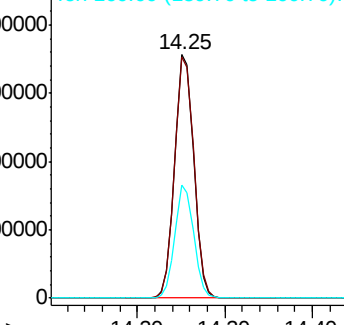
164 100

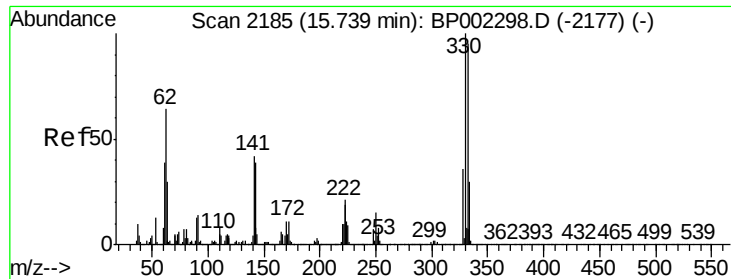
162 98.8 81.3 121.9

160 46.4 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

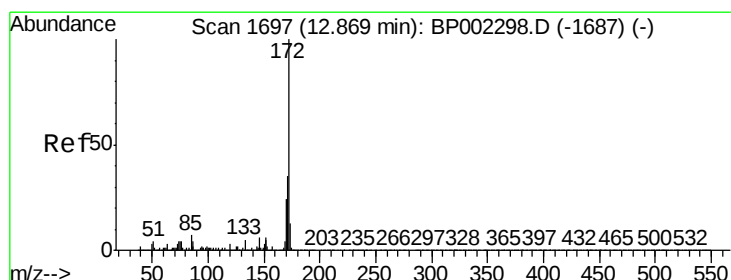
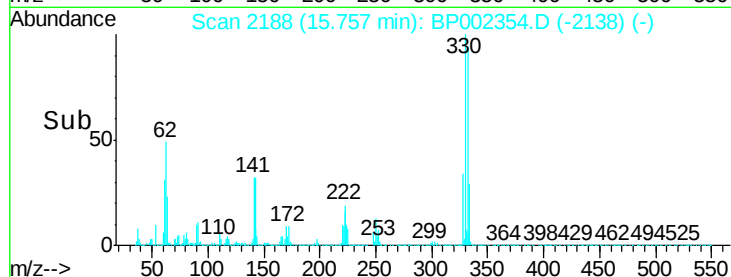
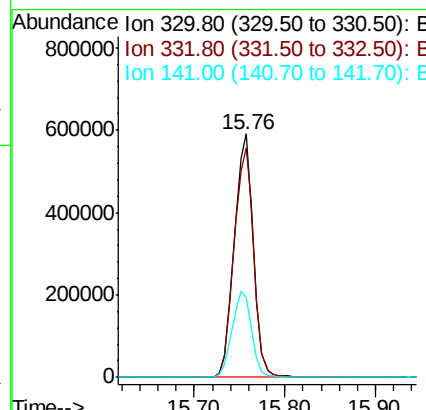
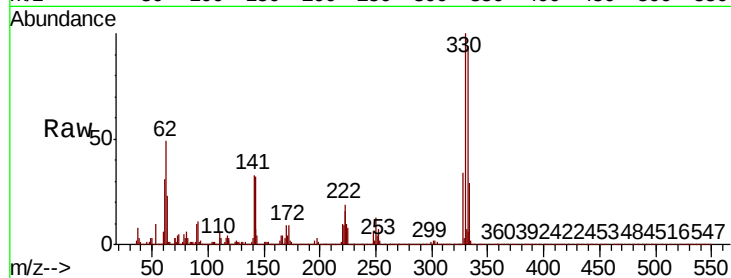




#42
 2,4,6-Tribromophenol
 Concen: 174.768 ng
 RT: 15.76 min Scan# 2188
 Delta R.T. -0.01 min
 Lab File: BP002354.D
 Acq: 02 Jun 2020 13:11

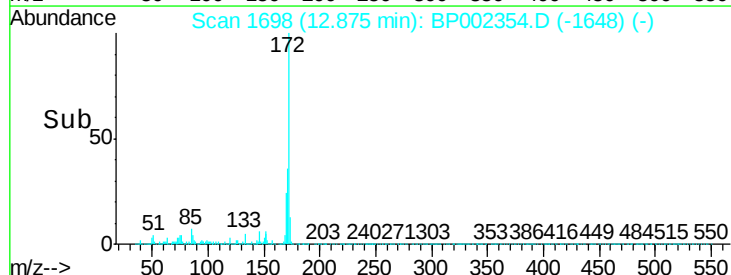
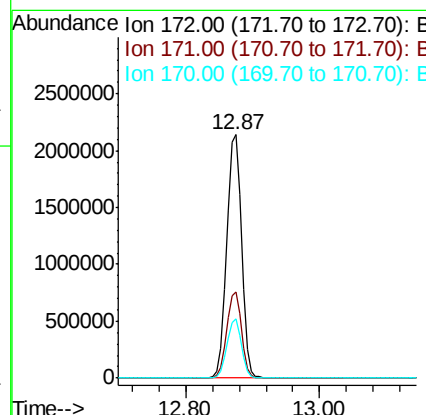
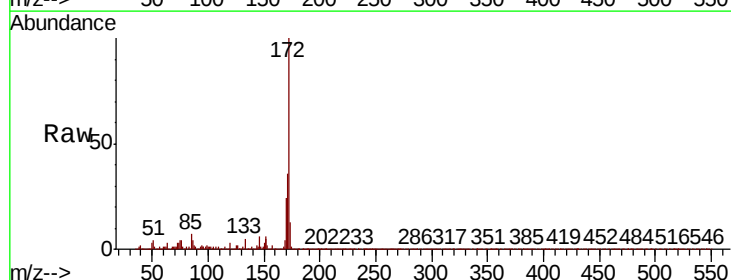
Instrument :
 BNA_P
 ClientSampleId :

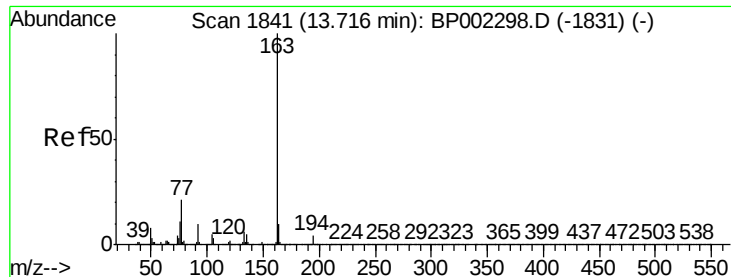
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.9	115.3
141	36.2	31.4	47.2



#45
 2-Fluorobiphenyl
 Concen: 114.555 ng
 RT: 12.87 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BP002354.D
 Acq: 02 Jun 2020 13:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.6	41.4
170	24.4	18.9	28.3

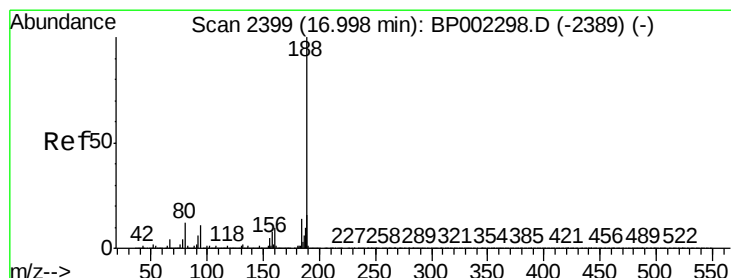
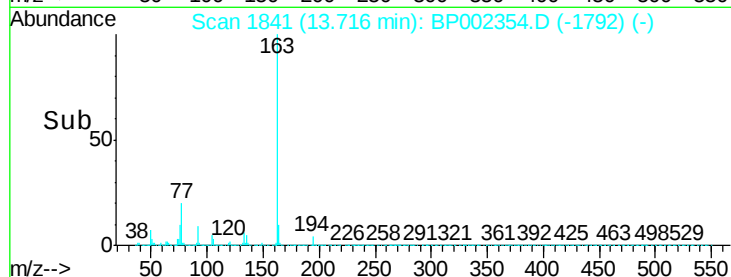
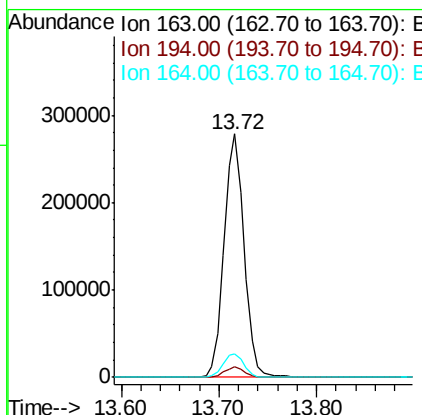
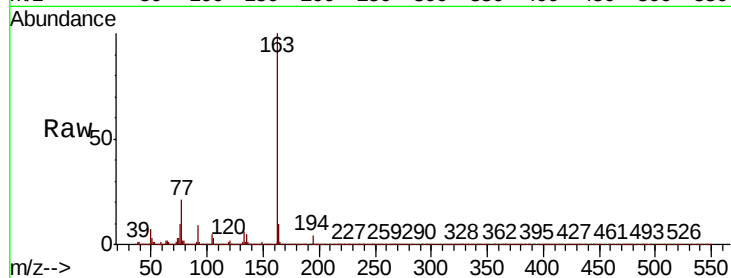




#50
Dimethylphthalate
Concen: 11.181 ng
RT: 13.72 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BP002354.D
Acq: 02 Jun 2020 13:11

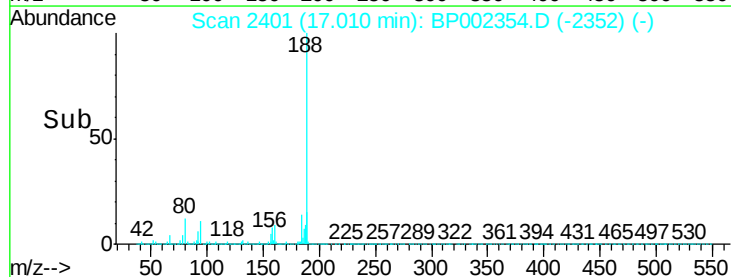
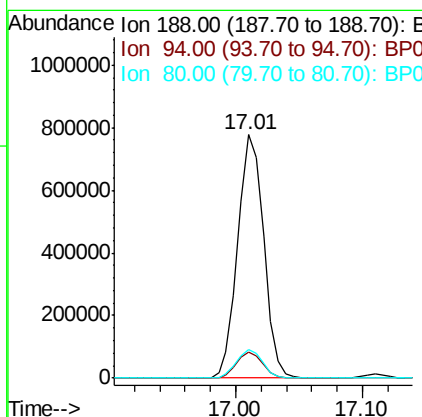
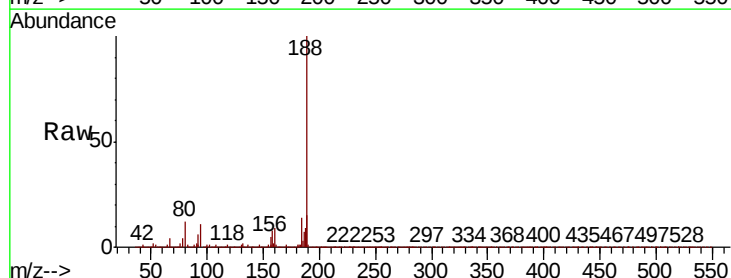
Instrument :
BNA_P
ClientSampleId :

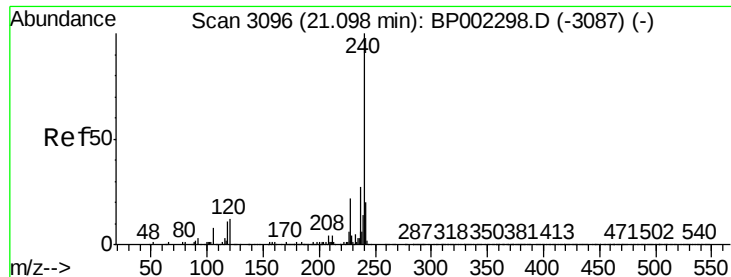
Tot Ion:163 Resp: 395685
Ion Ratio Lower Upper
163 100
194 4.2 3.2 4.8
164 9.6 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BP002354.D
Acq: 02 Jun 2020 13:11

Tgt Ion:188 Resp: 1105235
Ion Ratio Lower Upper
188 100
94 10.5 8.7 13.1
80 11.6 9.3 13.9

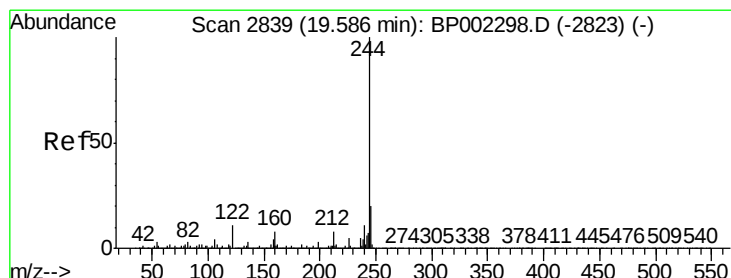
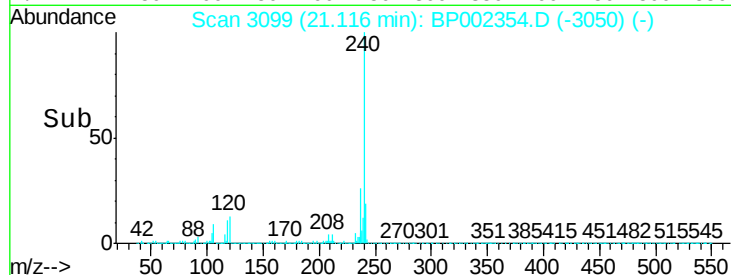
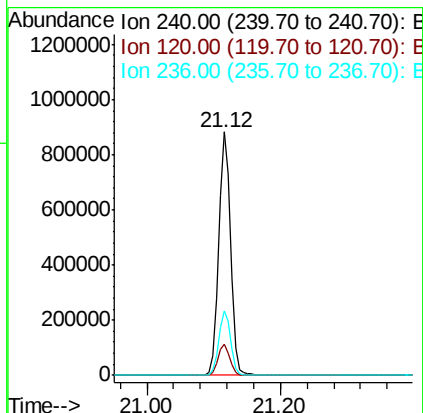
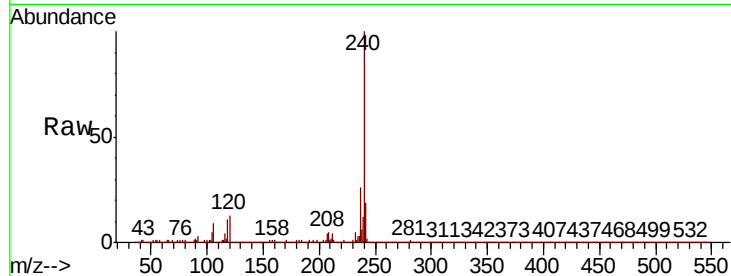




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.12 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BP002354.D
 Acq: 02 Jun 2020 13:11

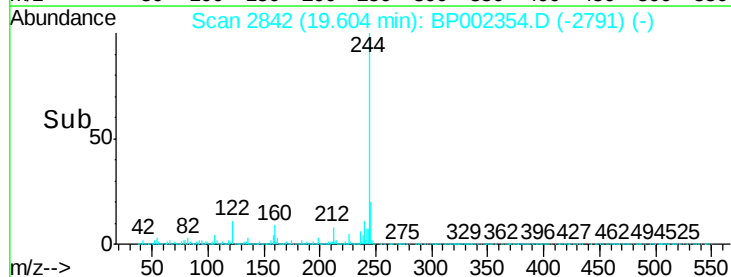
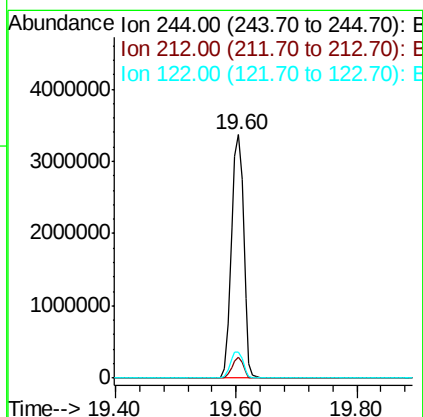
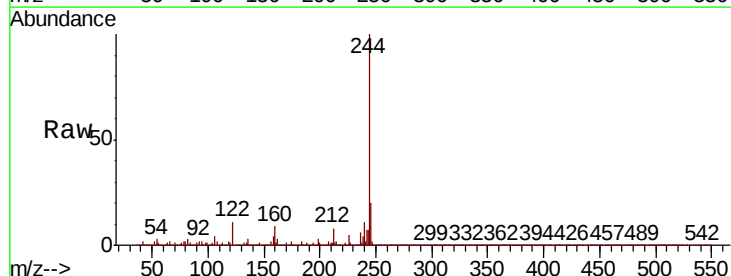
Instrument :
 BNA_P
 ClientSampled :

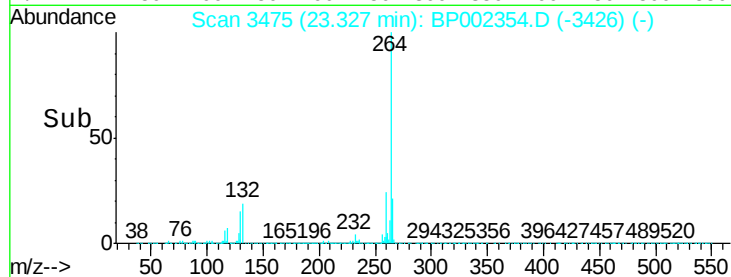
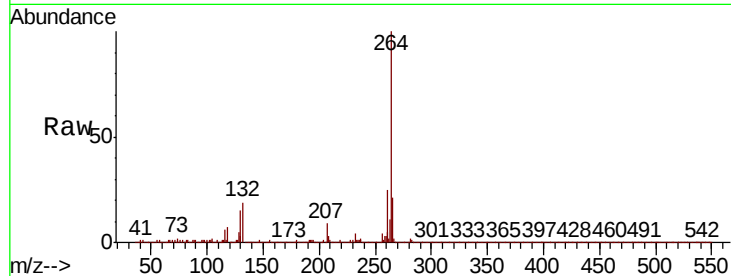
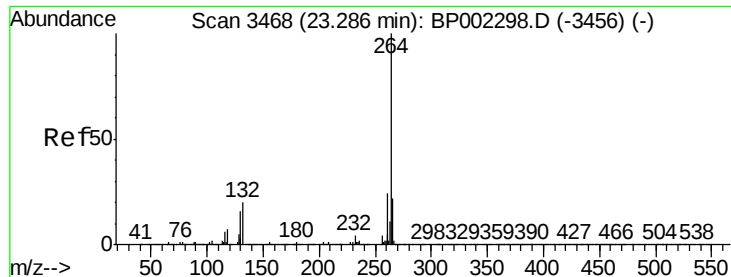
Tot Ion:240 Resp: 1111262
 Ion Ratio Lower Upper
 240 100
 120 12.6 8.7 13.1
 236 26.5 21.0 31.4



#79
 Terphenyl-d14
 Concen: 104.614 ng
 RT: 19.60 min Scan# 2842
 Delta R.T. 0.00 min
 Lab File: BP002354.D
 Acq: 02 Jun 2020 13:11

Tgt Ion:244 Resp: 4800458
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.4 9.6
 122 10.8 9.4 14.0





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3475
Delta R.T. -0.01 min
Lab File: BP002354.D
Acq: 02 Jun 2020 13:11

Instrument :
BNA_P
ClientSampleId :

Tot Ion: 264 Resp: 1186091

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.3	17.8	26.6

