

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_G
 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

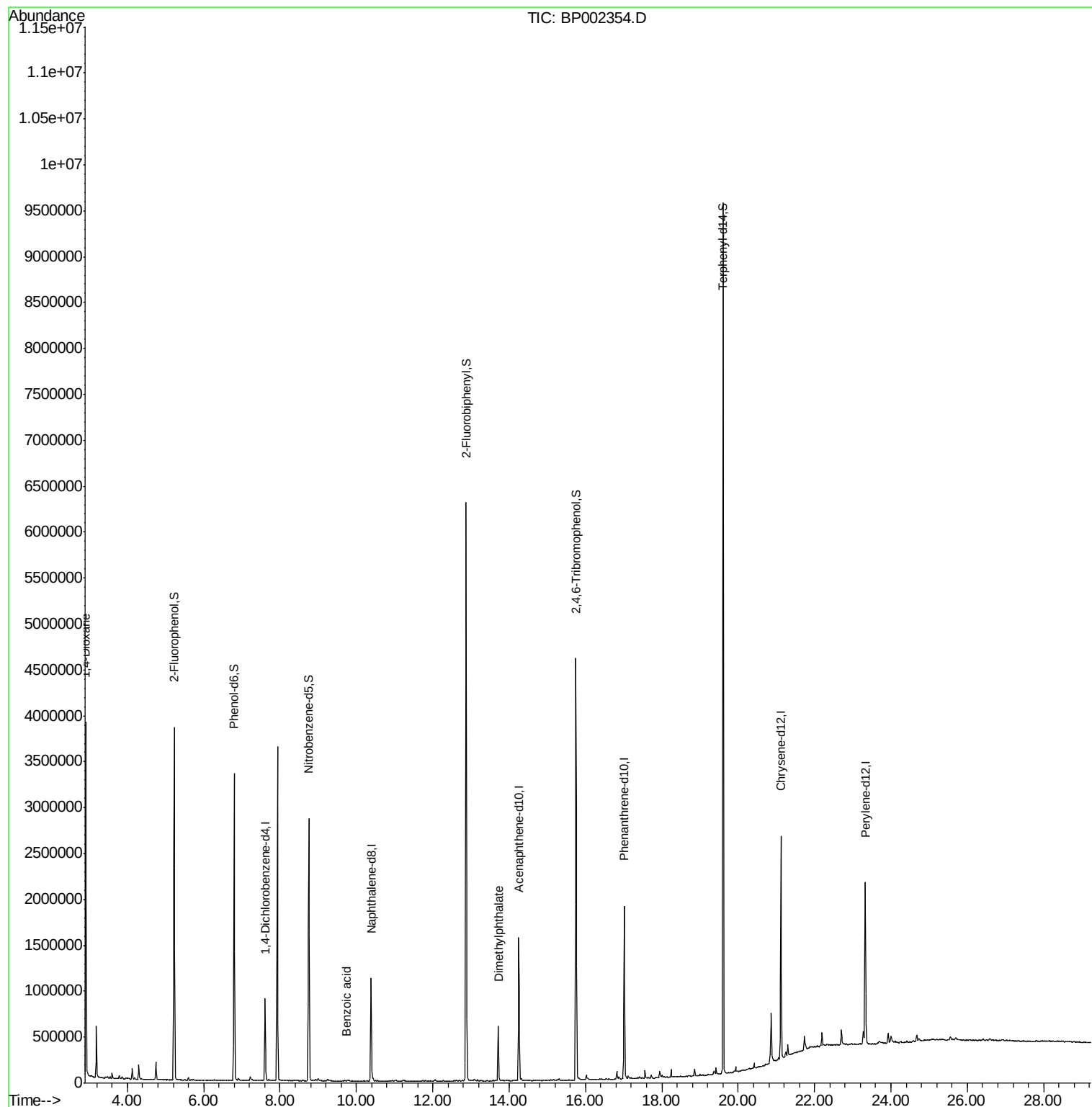
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	234267	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	901229	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	522829	20.00	ng	-0.01
64) Phenanthrene-d10	17.01	188	1105235	20.00	ng	-0.01
76) Chrysene-d12	21.12	240	1111262	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

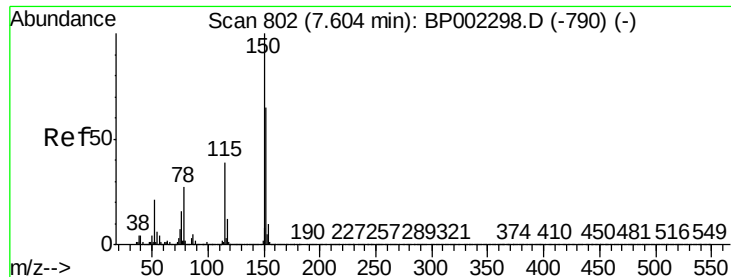
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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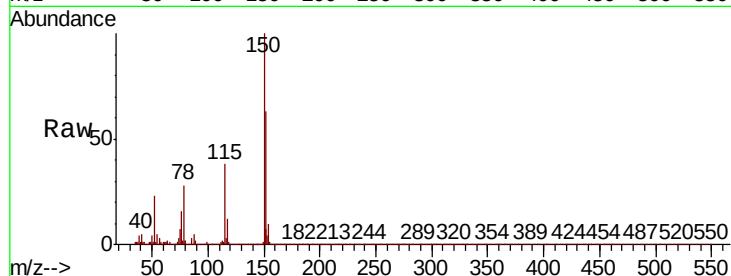


#1

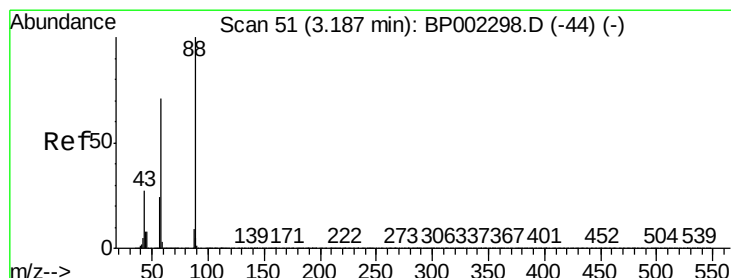
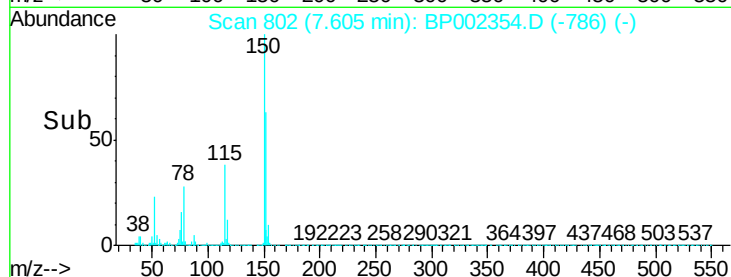
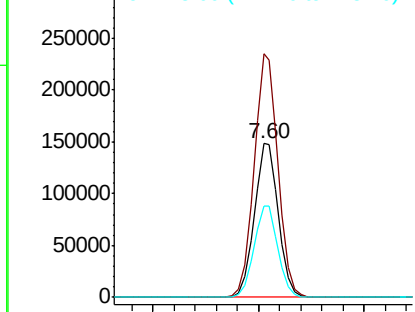
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.01 min
Lab File: BP002354.D
Acq: 02 Jun 2020 13:11

Instrument :
BNA_G
ClientSampleId :

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



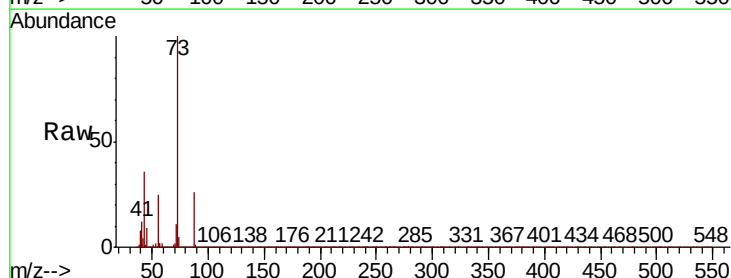
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



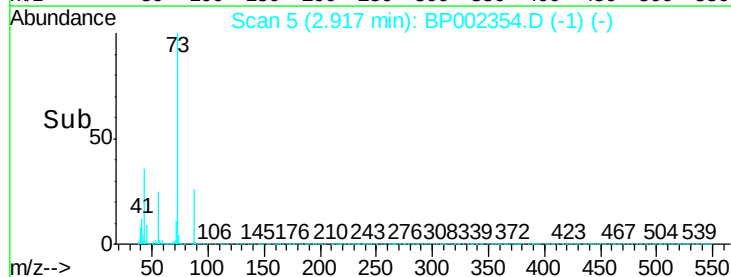
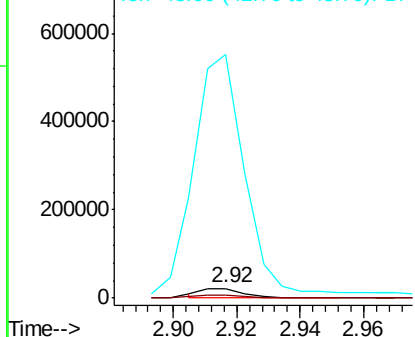
#2

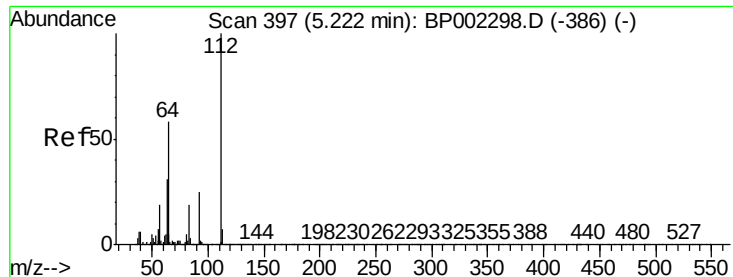
1,4-Dioxane
Concen: 3.455 ng
RT: 2.92 min Scan# 5
Delta R.T. -0.26 min
Lab File: BP002354.D
Acq: 02 Jun 2020 13:11

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



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: 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

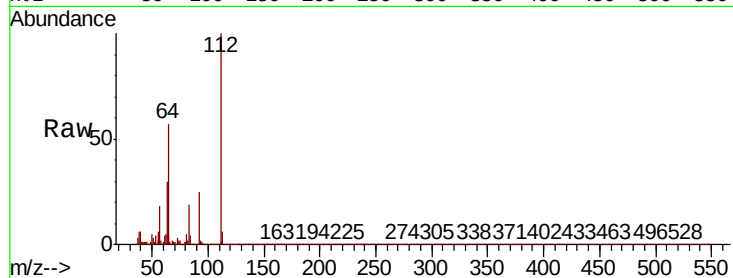
Instrument :

BNA_G

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): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0

5.23

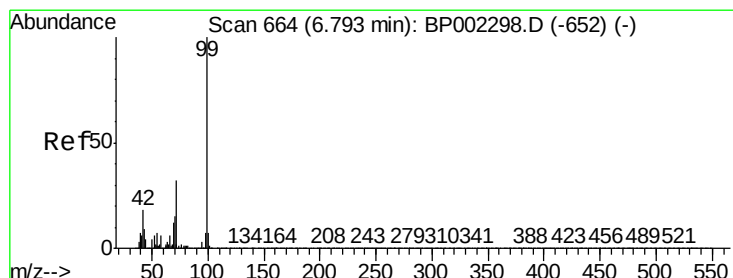
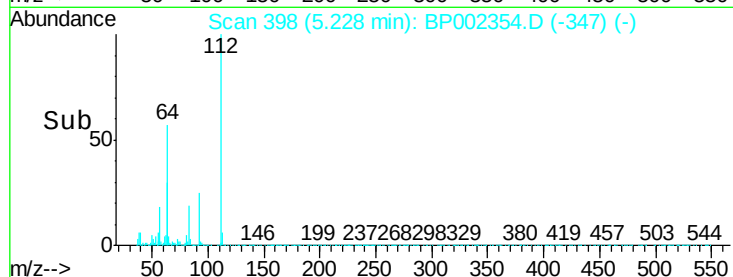
1000000

500000

0

Time-->

5.10 5.20 5.30 5.40



#7

Phenol-d6

Concen: 113.275 ng

RT: 6.80 min Scan# 665

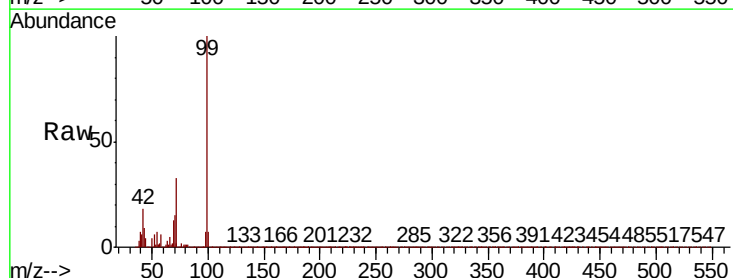
Delta R.T. -0.01 min

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

6.80

1500000

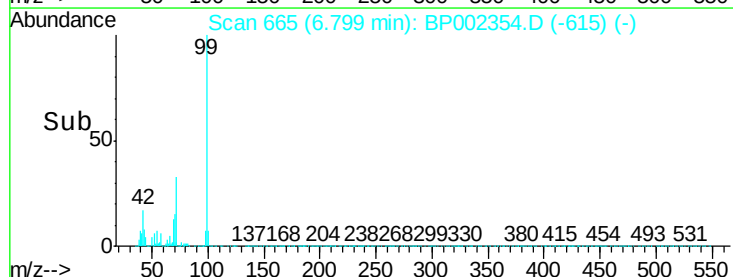
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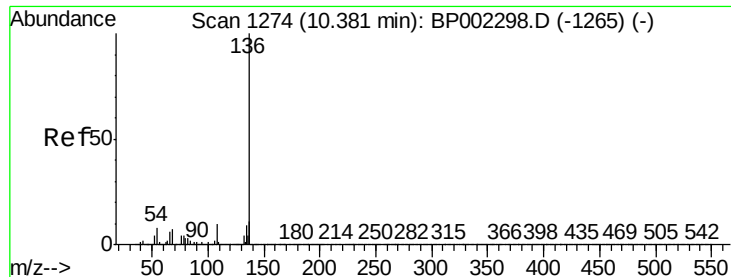
500000

0

Time-->

6.70 6.80 6.90

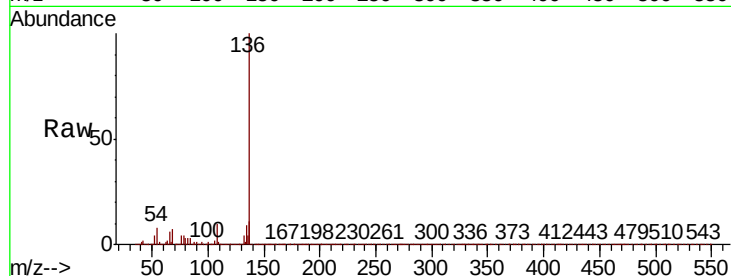




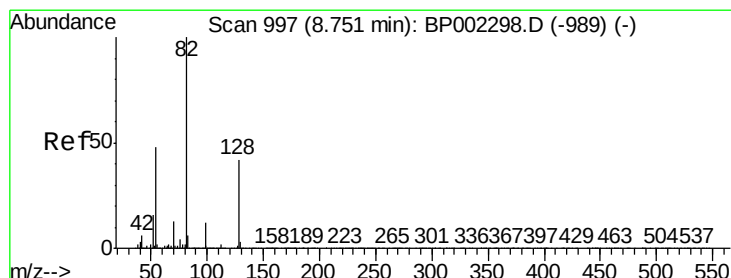
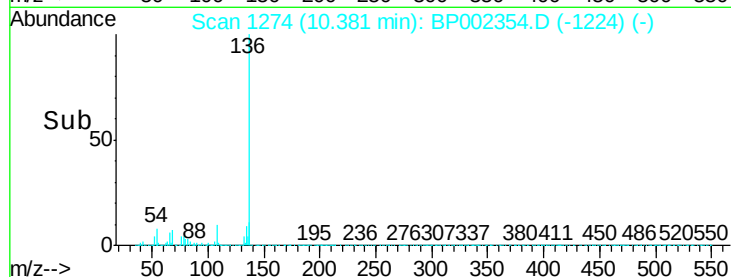
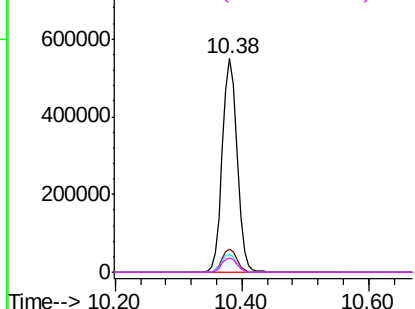
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.38 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BP002354.D
Acq: 02 Jun 2020 13:11

Instrument :
BNA_G
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

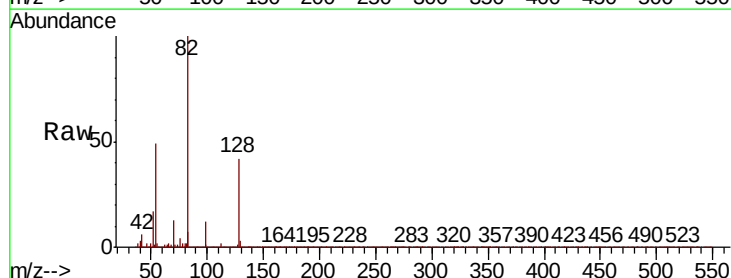


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

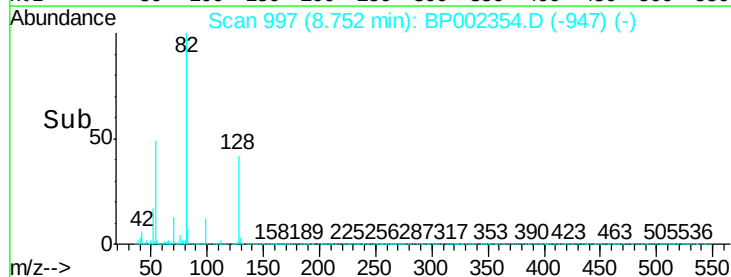
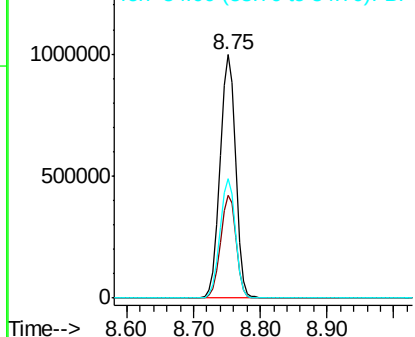


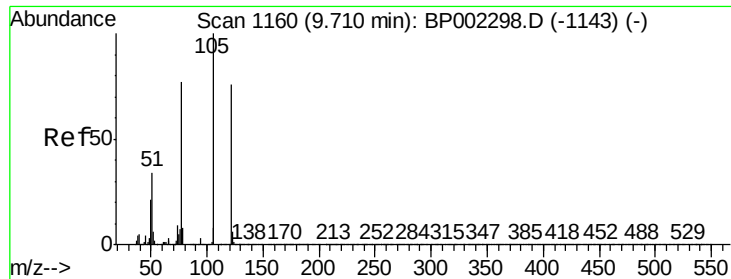
#23
Nitrobenzene-d5
Concen: 110.714 ng
RT: 8.75 min Scan# 997
Delta R.T. -0.01 min
Lab File: BP002354.D
Acq: 02 Jun 2020 13:11

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

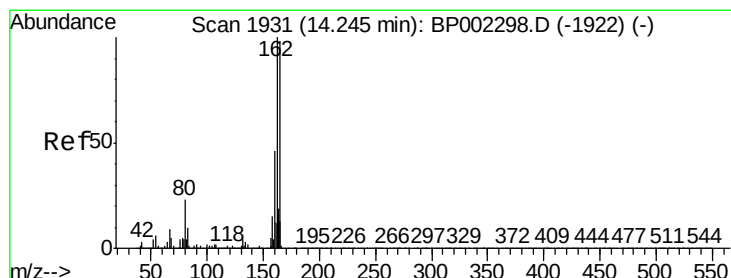
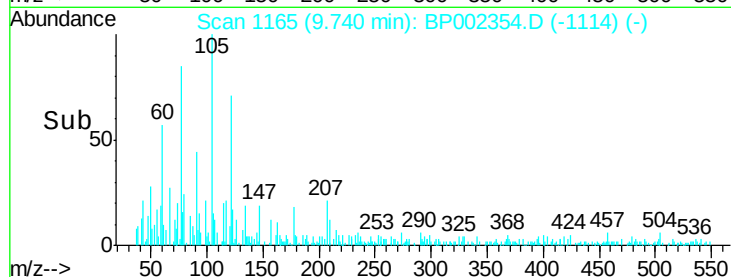
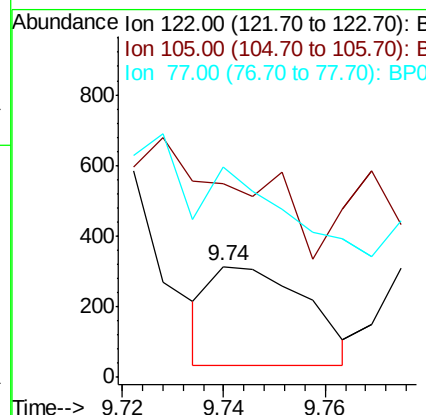
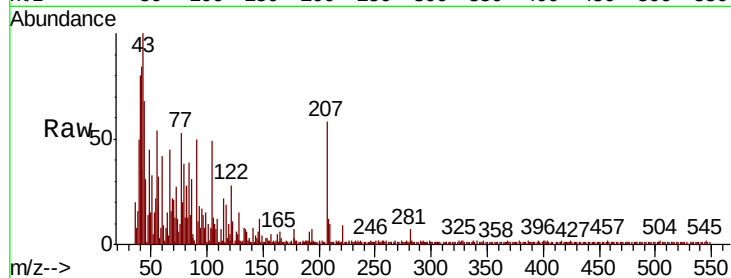




#32
Benzoic acid
Concen: 4.847 ng
RT: 9.74 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BP002354.D
Acq: 02 Jun 2020 13:11

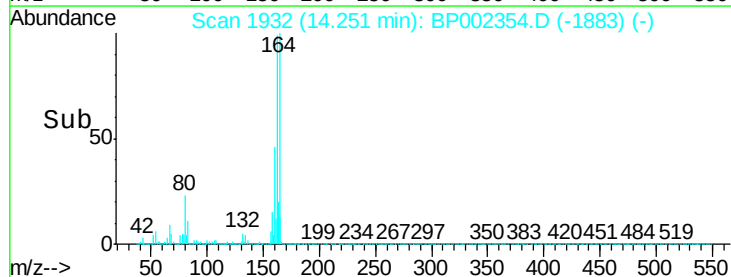
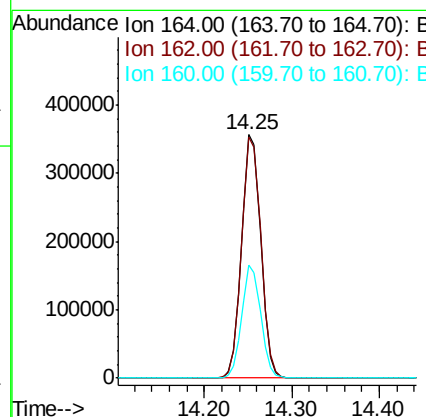
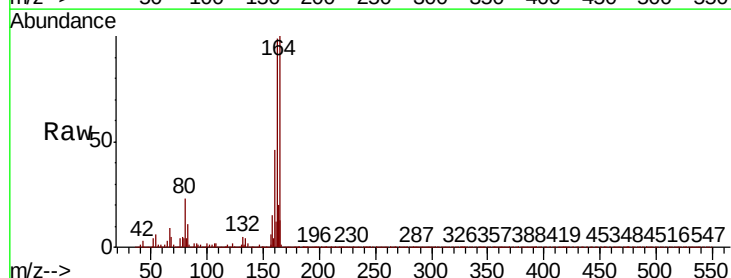
Instrument :
BNA_G
ClientSampled :

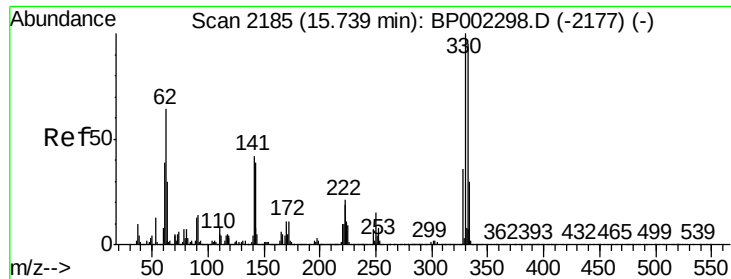
Tot Ion:122 Resp: 368
Ion Ratio Lower Upper
122 100
105 174.8 102.7 142.7#
77 190.7 74.8 114.8#



#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

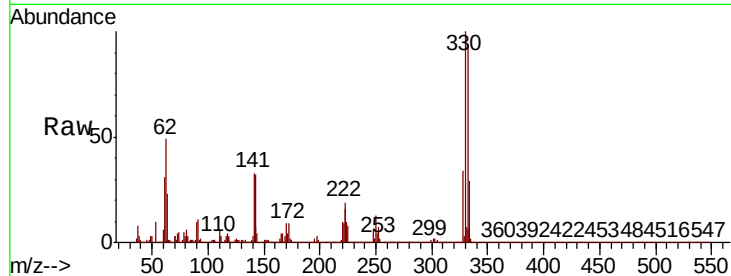




#42
2,4,6-Tribromophenol
Concen: 174.768 ng
RT: 15.76 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BP002354.D
Acq: 02 Jun 2020 13:11

Instrument :
BNA_G
ClientSampleId :

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

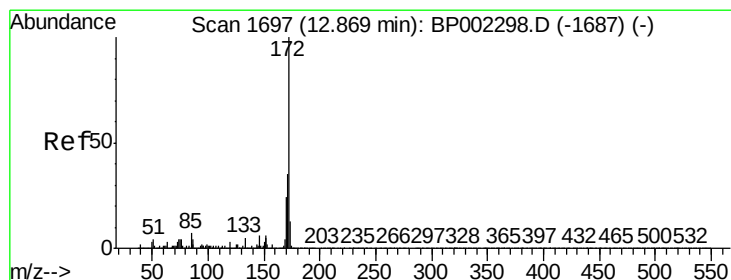
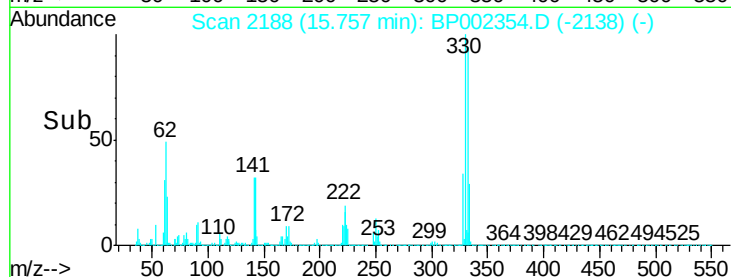
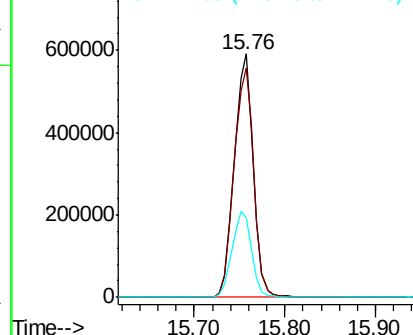


Abundance

Ion 329.80 (329.50 to 330.50): E

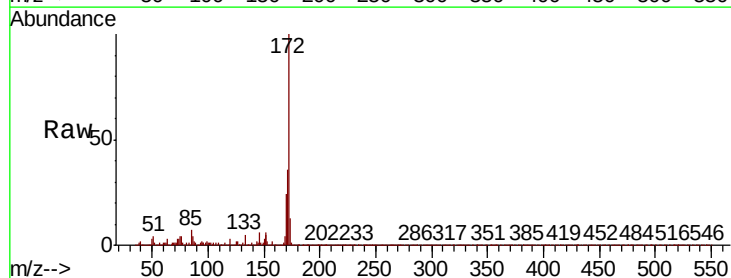
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 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

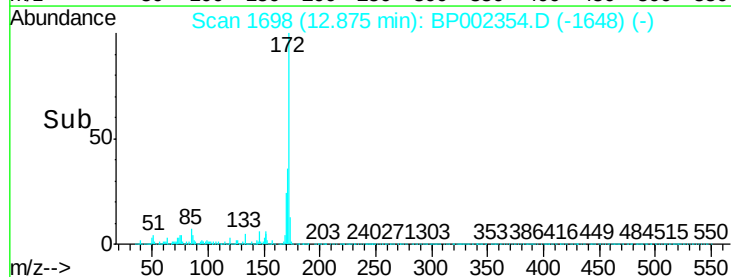
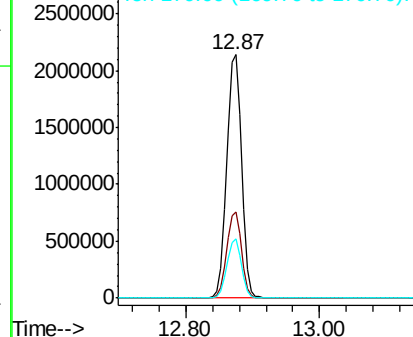


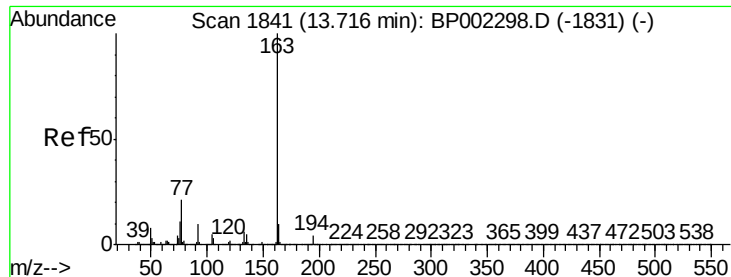
Abundance

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: 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_G

ClientSampleId :

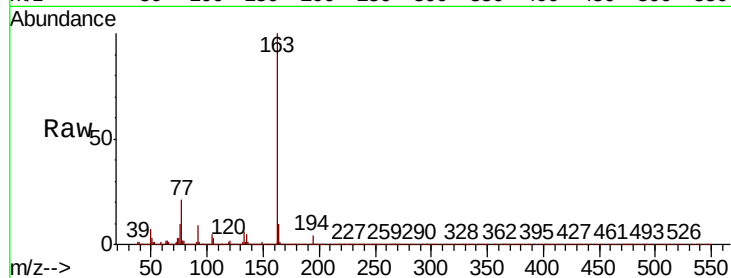
Tot Ion:163 Resp: 395685

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

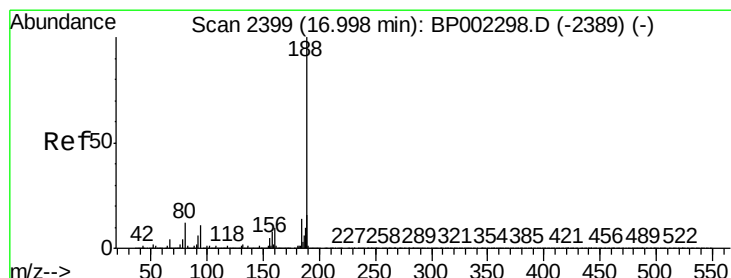
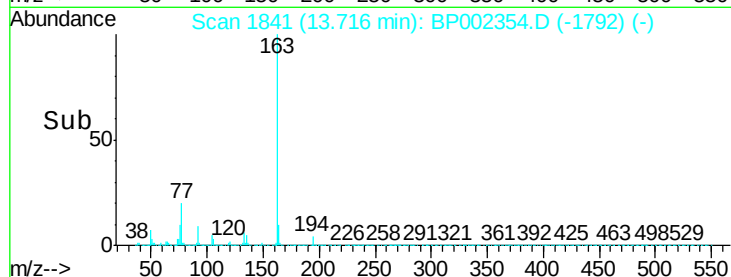
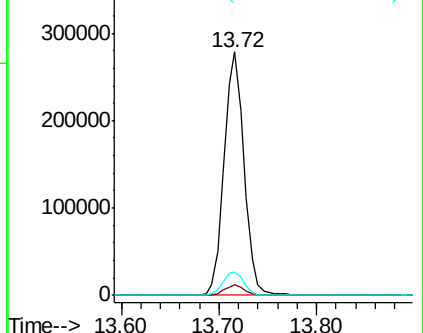
164 9.6 8.1 12.1



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: 17.01 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BP002354.D

Acq: 02 Jun 2020 13:11

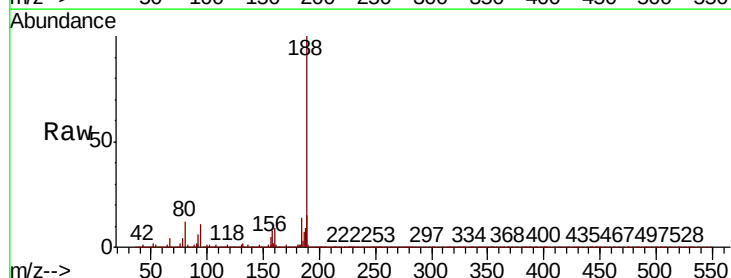
Tgt Ion:188 Resp: 1105235

Ion Ratio Lower Upper

188 100

94 10.5 8.7 13.1

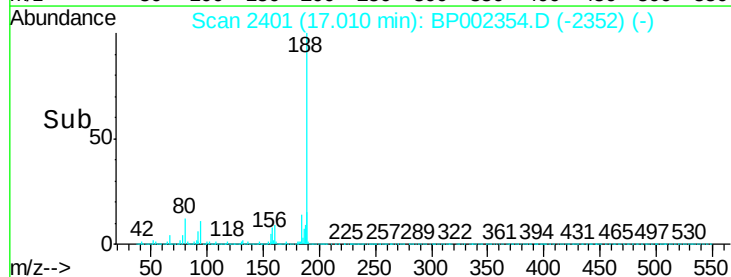
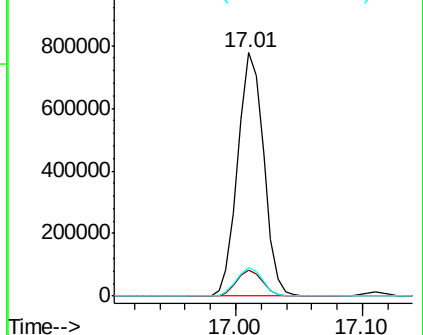
80 11.6 9.3 13.9

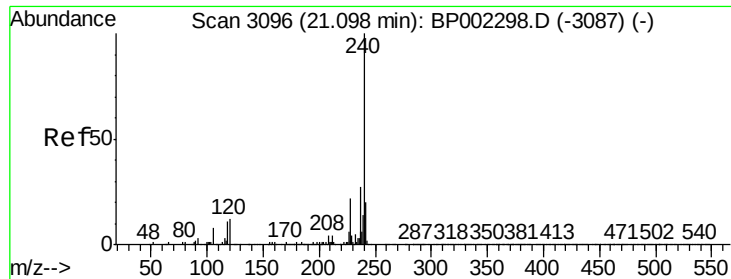


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

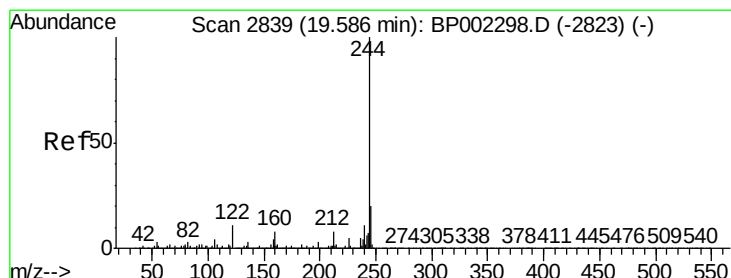
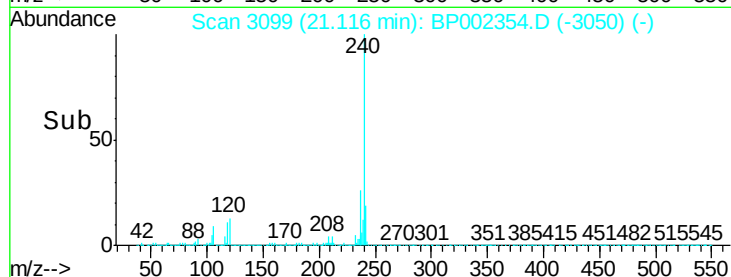
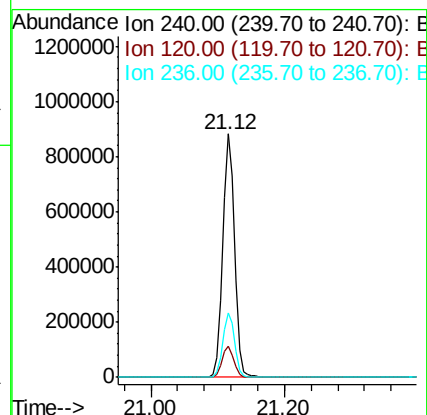
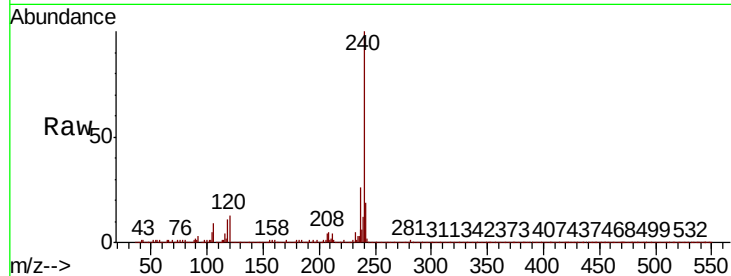




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BP002354.D
Acq: 02 Jun 2020 13:11

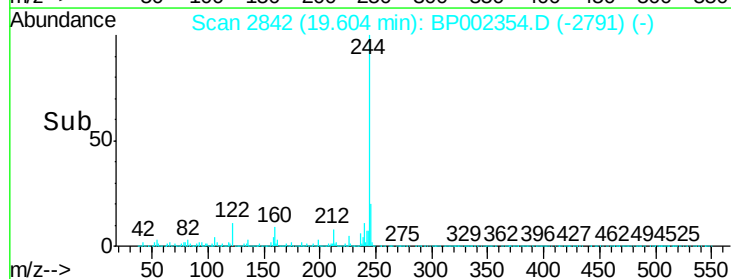
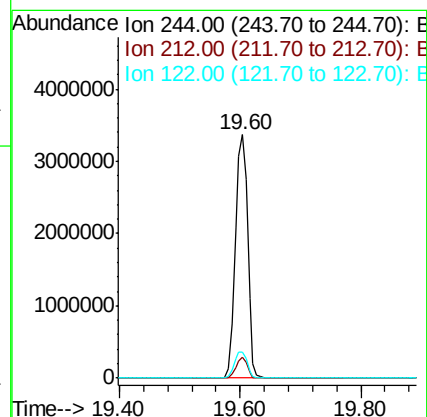
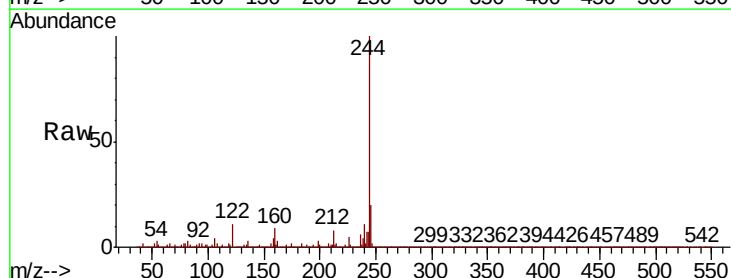
Instrument :
BNA_G
ClientSampled :

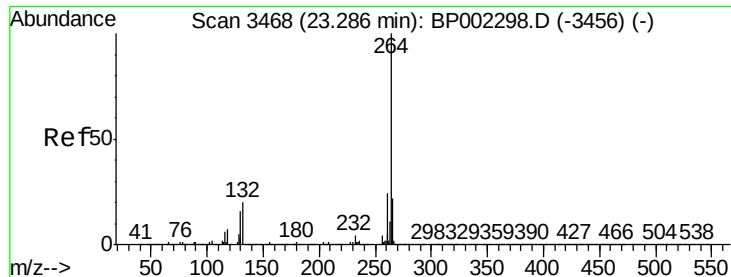
Tot Ion:240 Resp: 1111262
Ion Ratio Lower Upper
240 100
120 12.6 8.7 13.1
236 26.5 21.0 31.4



#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_G
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

