

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061820\
 Data File : BP002441.D
 Acq On : 18 Jun 2020 15:01
 Operator : CG/JU
 Sample : L3034-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2

Quant Time: Jun 18 15:36:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

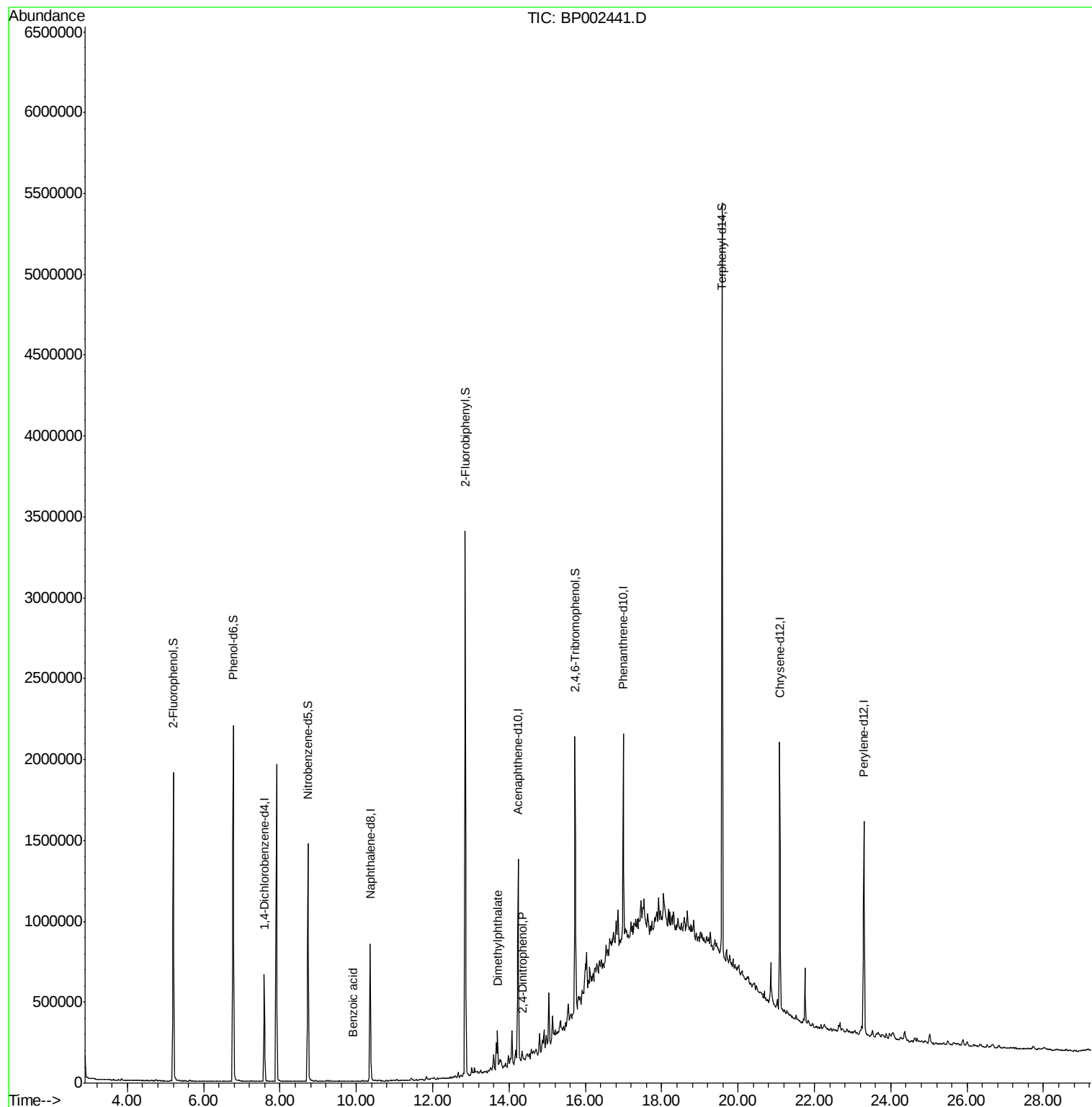
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	168057	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	695930	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	410502	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	791565	20.00	ng	0.00
76) Chrysene-d12	21.10	240	800298	20.00	ng	-0.01
86) Perylene-d12	23.29	264	882417	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	799709	88.05	ng	0.00
7) Phenol-d6	6.78	99	1279618	105.82	ng	0.00
23) Nitrobenzene-d5	8.73	82	863752	74.12	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	310952	79.12	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1804472	73.91	ng	0.00
79) Terphenyl-d14	19.58	244	2258382	66.49	ng	0.00
Target Compounds						
9) Benzaldehyde	6.78	77	2752	Below Cal	#	4
32) Benzoic acid	9.90	122	78	4.609 ng		90
50) Dimethylphthalate	13.69	163	158984	5.652 ng		99
54) 2,4-Dinitrophenol	14.37	184	32	2.795 ng	#	1
61) 4-Chlorophenyl-phenylether	15.31	204	2008	Below Cal	#	42

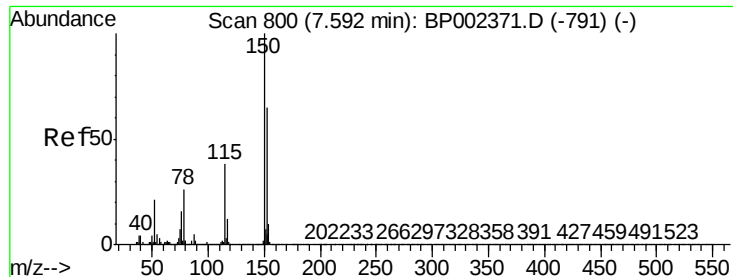
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 05 15:08:53 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.59 min Scan# 799

Delta R.T. -0.01 min

Lab File: BP002441.D

Acq: 18 Jun 2020 15:01

Instrument :

BNA_P

ClientSampleId :

TP-2

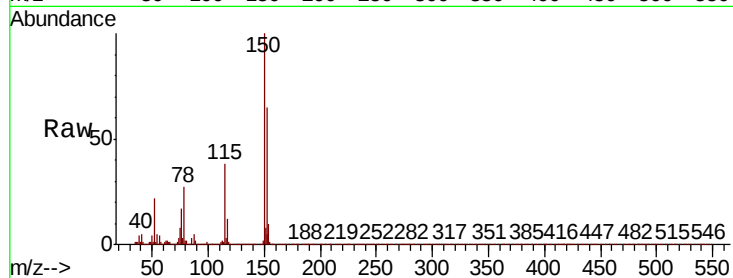
Tot Ion:152 Resp: 168057

Ion Ratio Lower Upper

152 100

150 154.5 124.0 186.0

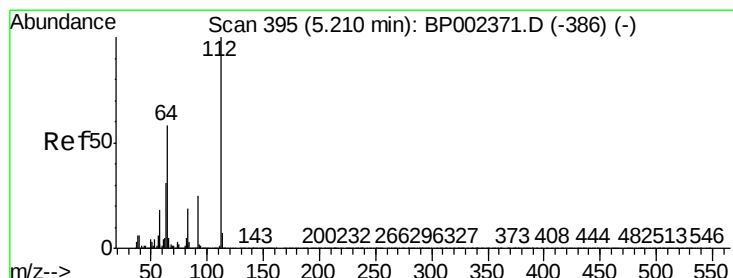
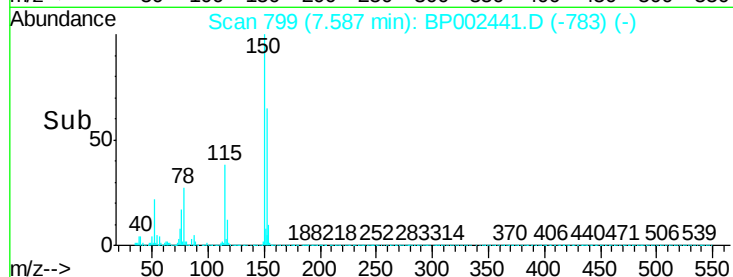
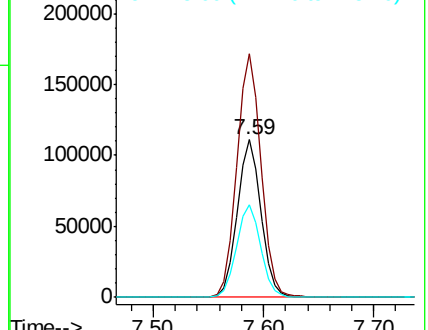
115 59.0 47.4 71.0



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: 88.053 ng

RT: 5.20 min Scan# 394

Delta R.T. -0.01 min

Lab File: BP002441.D

Acq: 18 Jun 2020 15:01

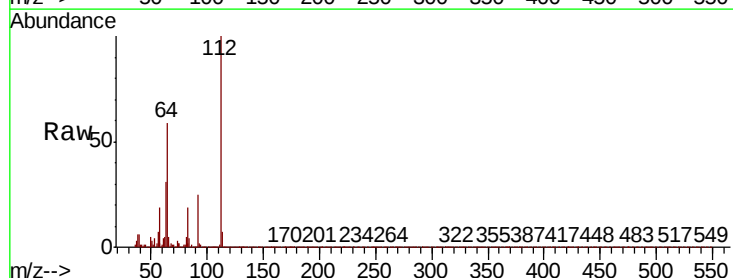
Tgt Ion:112 Resp: 799709

Ion Ratio Lower Upper

112 100

64 59.2 46.2 69.2

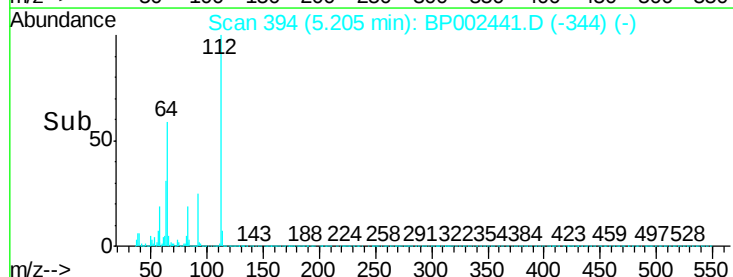
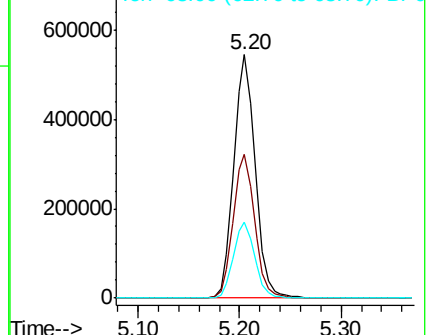
63 31.4 24.5 36.7

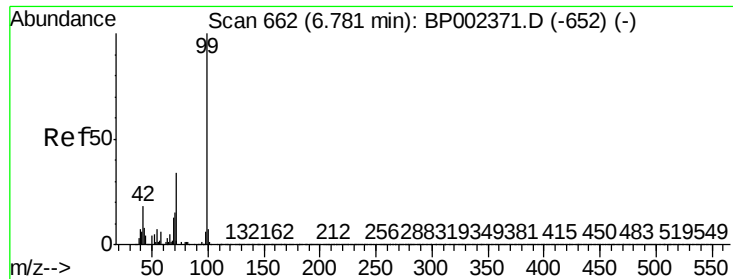


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 105.825 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002441.D

Acq: 18 Jun 2020 15:01

Instrument :

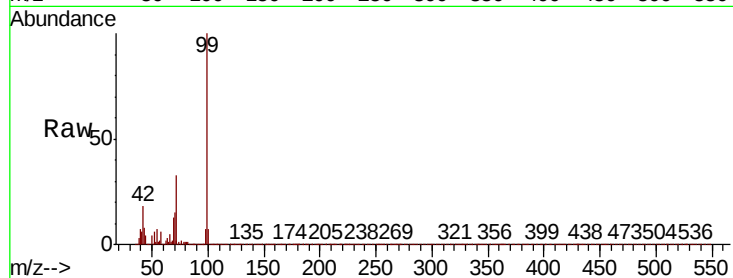
BNA_P

ClientSampleId :

TP-2

Tot Ion: 99 Resp: 1279618

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.6	22.0
71	32.8	27.2	40.8



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

1000000

800000

600000

400000

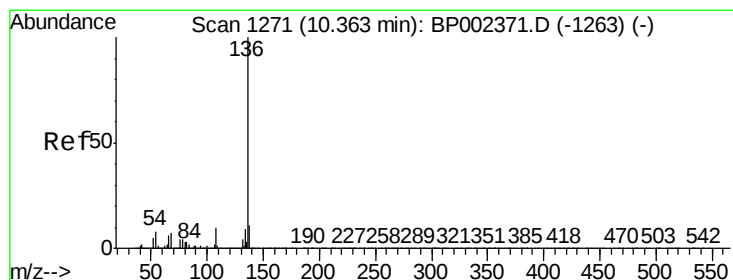
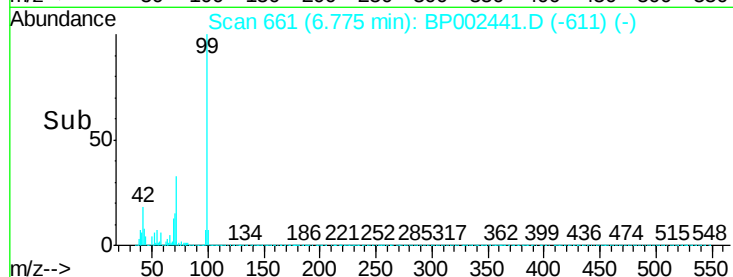
200000

0

6.78

6.70 6.80 6.90

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1270

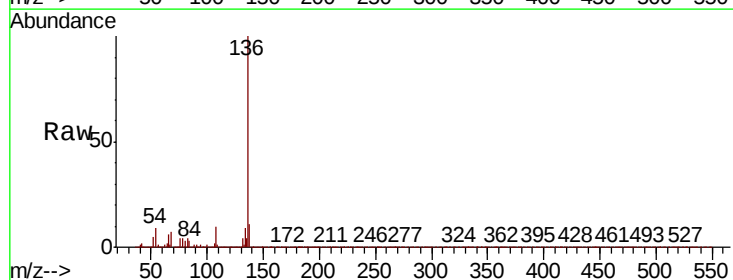
Delta R.T. -0.01 min

Lab File: BP002441.D

Acq: 18 Jun 2020 15:01

Tgt Ion: 136 Resp: 695930

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.6	6.4	9.6
68	7.0	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

600000

500000

400000

300000

200000

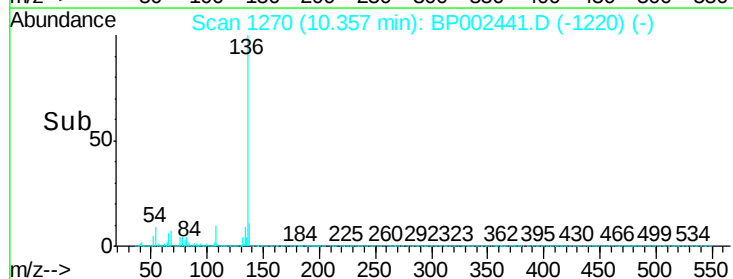
100000

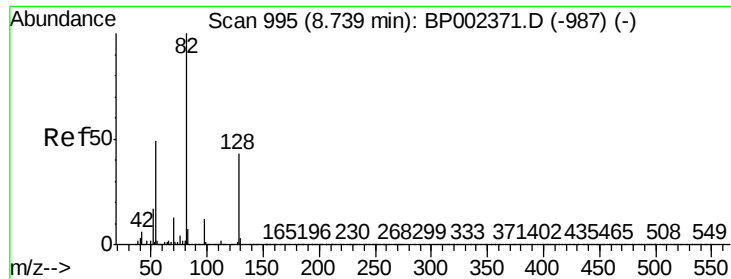
0

10.36

10.20 10.40 10.60

Time-->

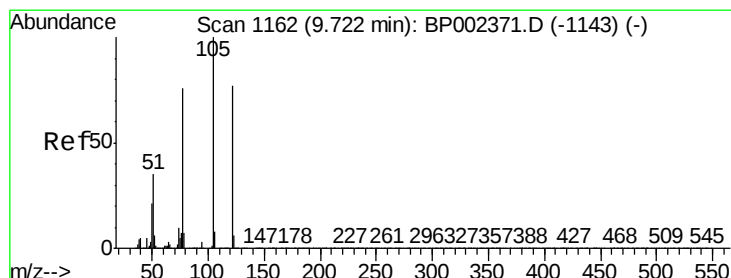
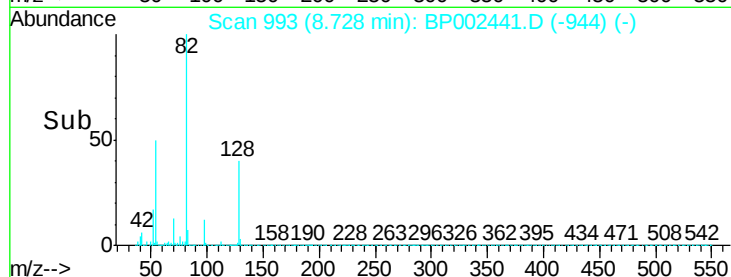
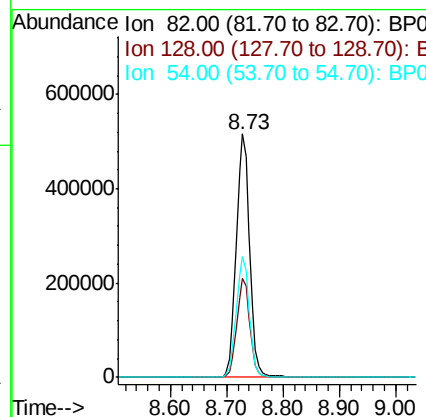
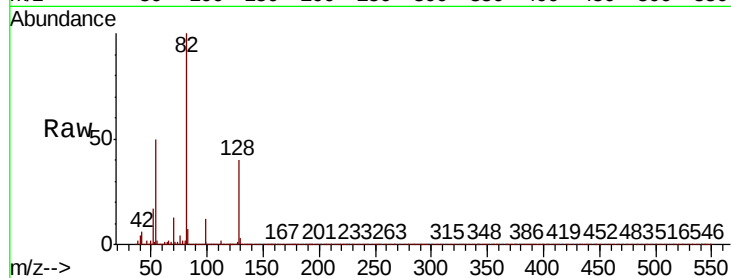




#23
Nitrobenzene-d5
Concen: 74.120 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP002441.D
Acq: 18 Jun 2020 15:01

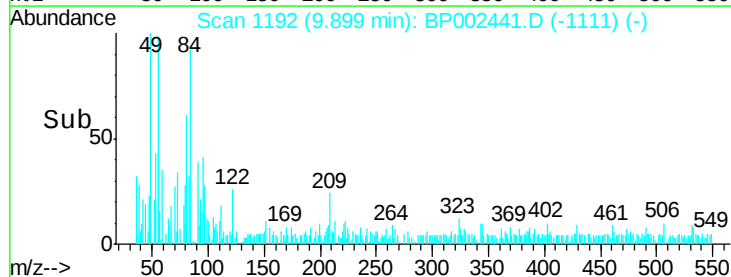
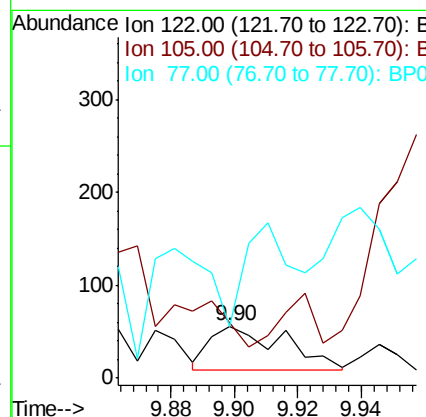
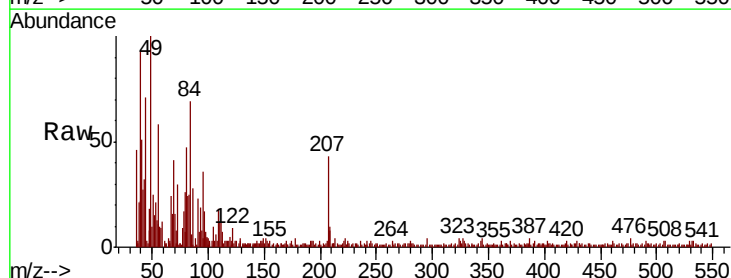
Instrument :
BNA_P
ClientSampled :
TP-2

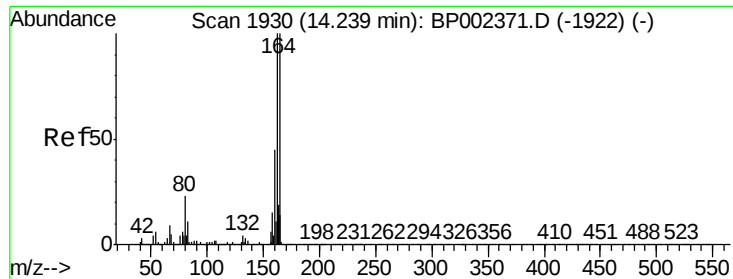
Tot Ion	82	Resp	863752
Ion Ratio	Lower	Upper	
82	100		
128	40.4	34.5	51.7
54	49.5	39.4	59.2



#32
Benzoic acid
Concen: 4.609 ng
RT: 9.90 min Scan# 1192
Delta R.T. 0.18 min
Lab File: BP002441.D
Acq: 18 Jun 2020 15:01

Tgt Ion	122	Resp	78
Ion Ratio	Lower	Upper	
122	100		
105	107.1	106.3	146.3
77	98.2	77.5	117.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BP002441.D

Acq: 18 Jun 2020 15:01

Instrument :

BNA_P

ClientSampleId :

TP-2

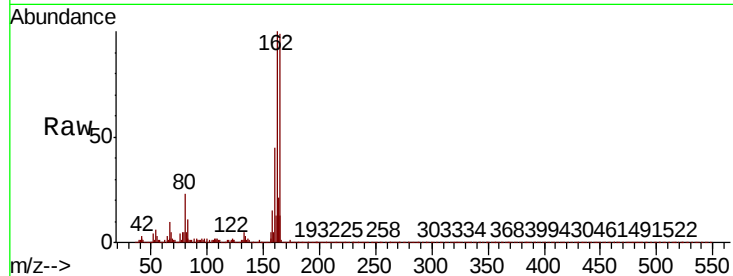
Tot Ion:164 Resp: 410502

Ion Ratio Lower Upper

164 100

162 101.0 79.8 119.8

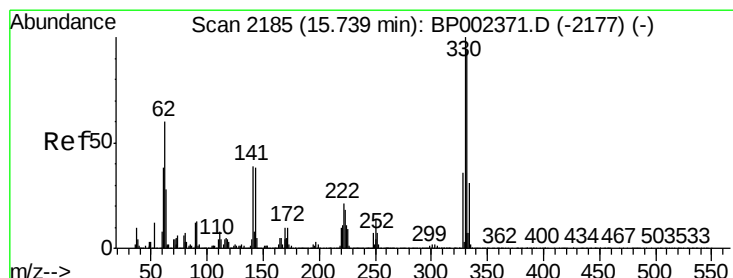
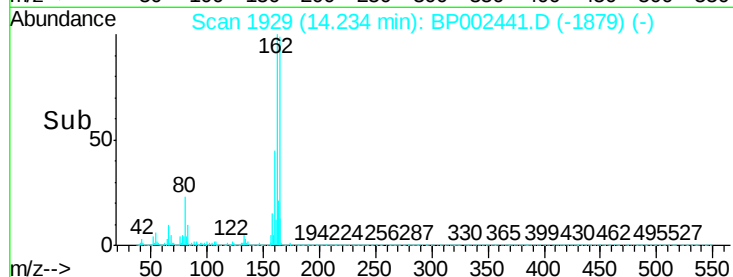
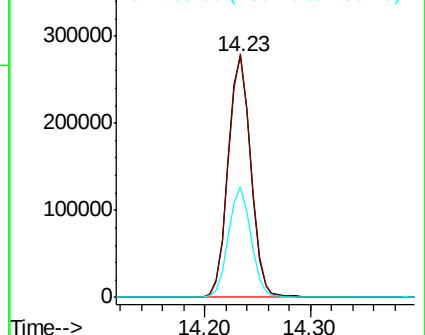
160 45.7 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 79.117 ng

RT: 15.73 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BP002441.D

Acq: 18 Jun 2020 15:01

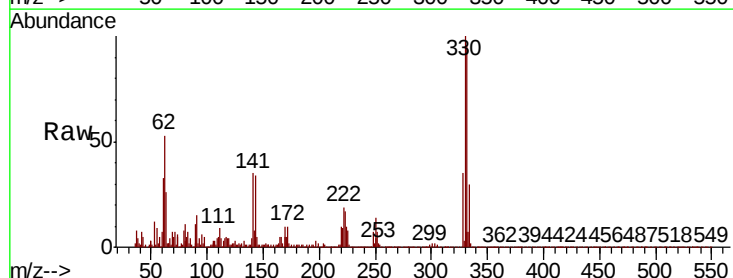
Tgt Ion:330 Resp: 310952

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

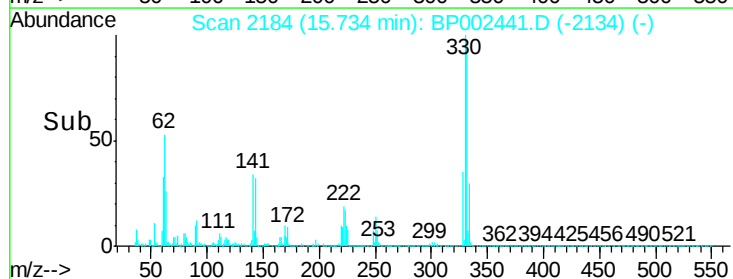
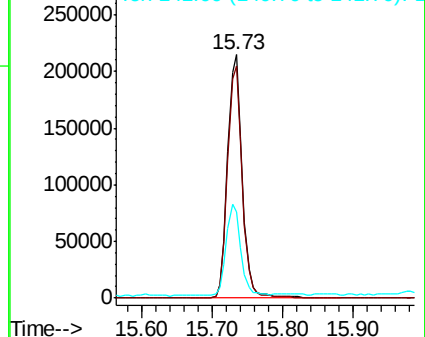
141 36.9 30.3 45.5

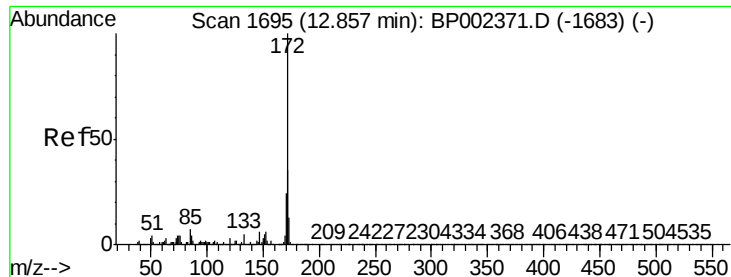


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

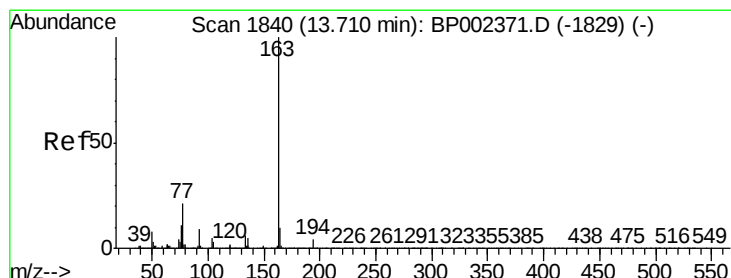
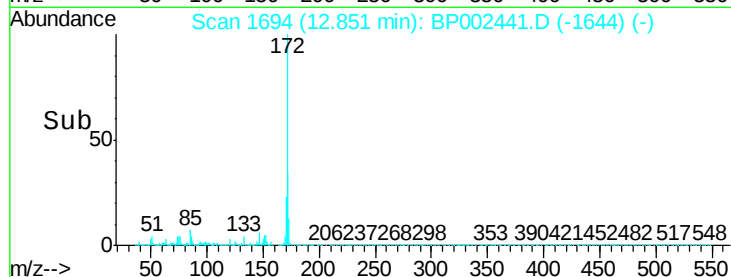
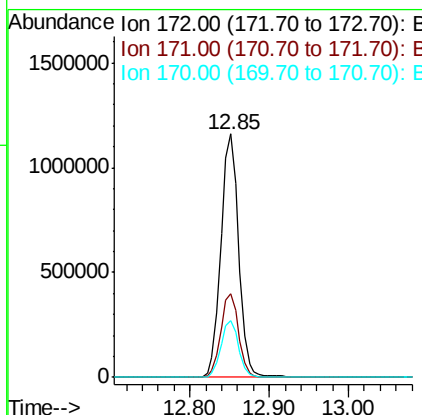
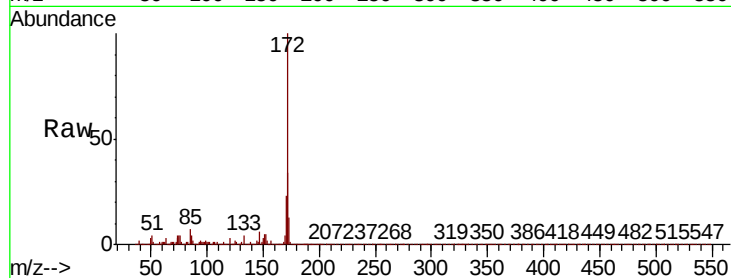




#45
2-Fluorobiphenyl
Concen: 73.911 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002441.D
Acq: 18 Jun 2020 15:01

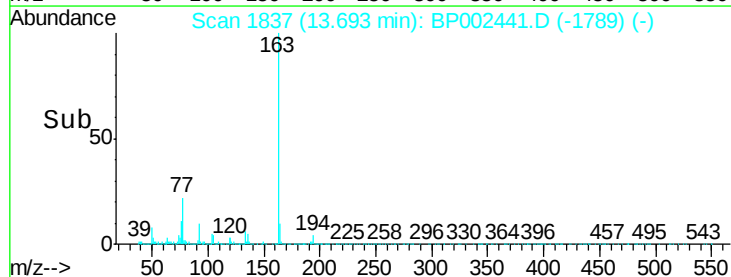
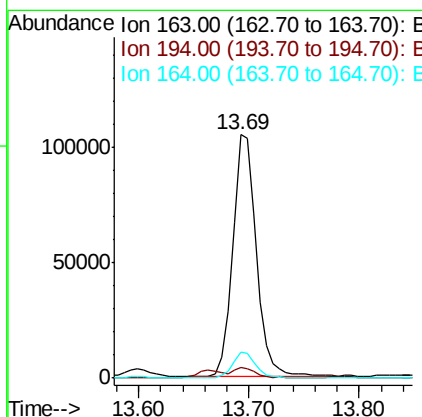
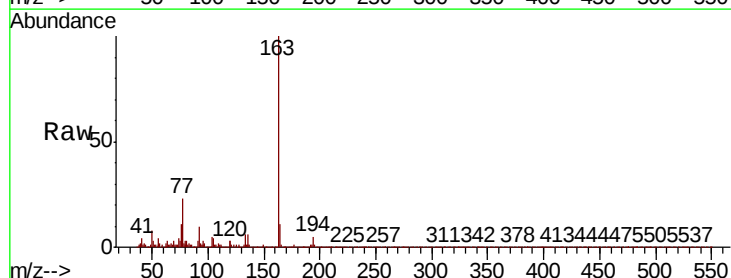
Instrument :
BNA_P
ClientSampleId :
TP-2

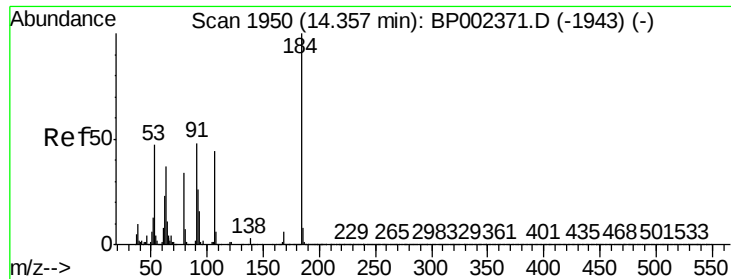
Tot Ion:172 Resp: 1804472
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.8
170 23.2 19.0 28.6



#50
Dimethylphthalate
Concen: 5.652 ng
RT: 13.69 min Scan# 1837
Delta R.T. -0.02 min
Lab File: BP002441.D
Acq: 18 Jun 2020 15:01

Tgt Ion:163 Resp: 158984
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.0
164 10.5 8.1 12.1

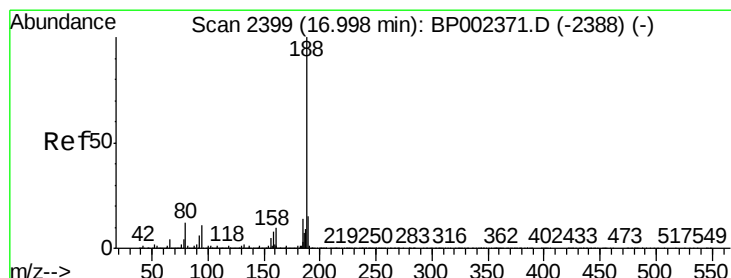
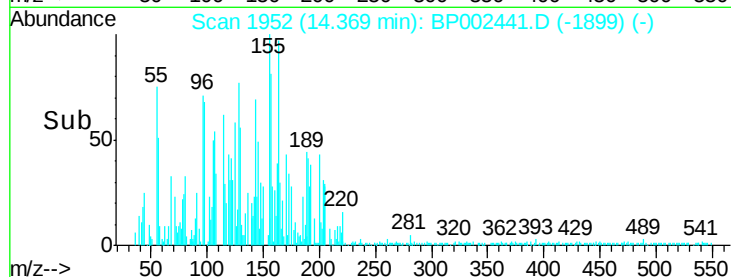
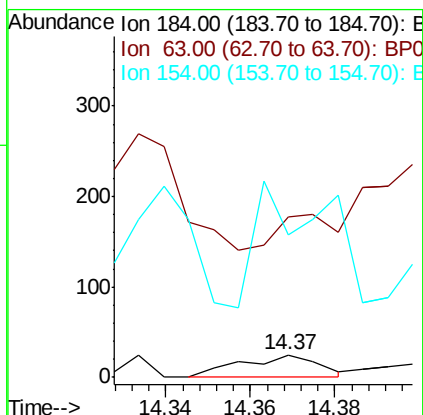
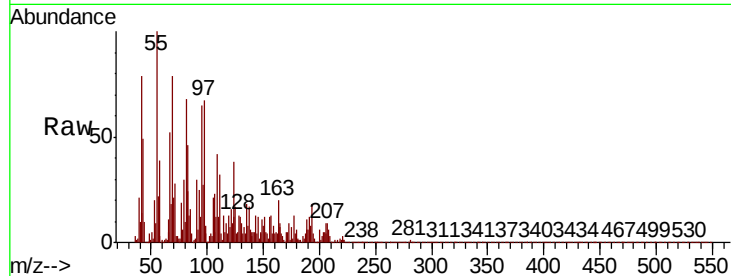




#54
2,4-Dinitrophenol
Concen: 2.795 ng
RT: 14.37 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BP002441.D
Acq: 18 Jun 2020 15:01

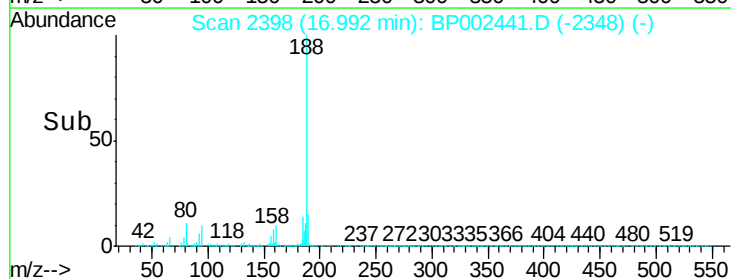
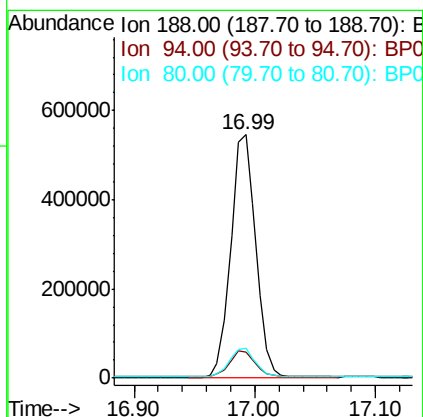
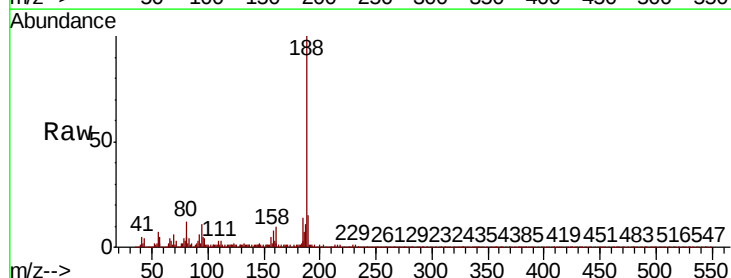
Instrument :
BNA_P
ClientSampled :
TP-2

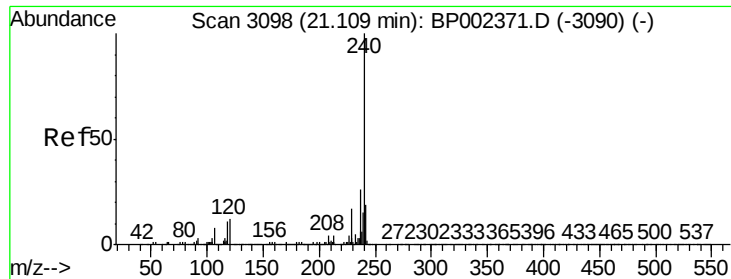
Tot Ion:184 Resp: 32
Ion Ratio Lower Upper
184 100
63 708.0 52.3 78.5#
154 628.0 48.6 72.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002441.D
Acq: 18 Jun 2020 15:01

Tgt Ion:188 Resp: 791565
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 12.0 9.4 14.0

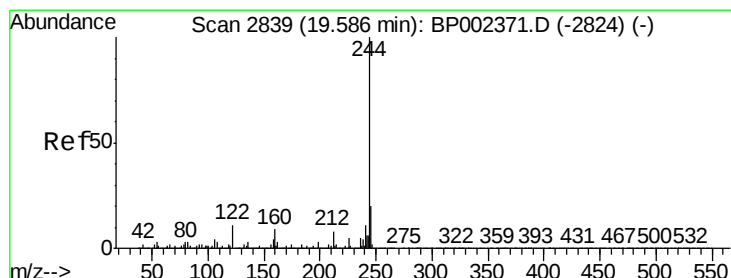
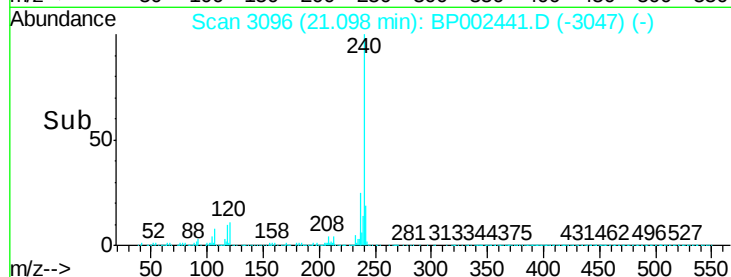
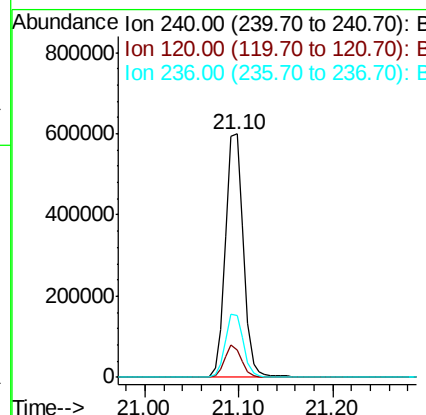
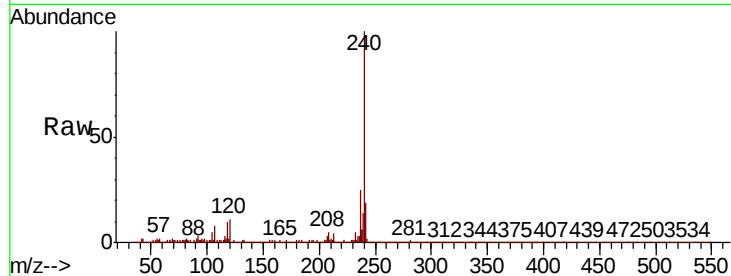




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BP002441.D
Acq: 18 Jun 2020 15:01

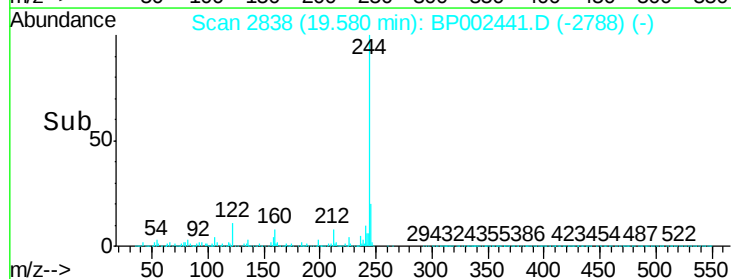
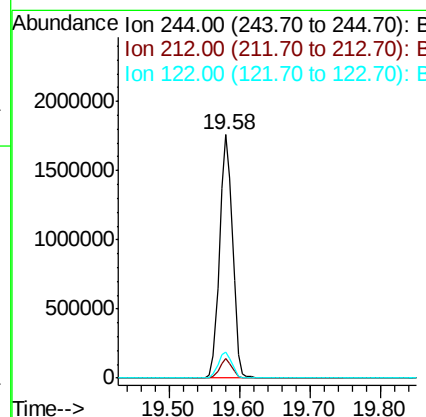
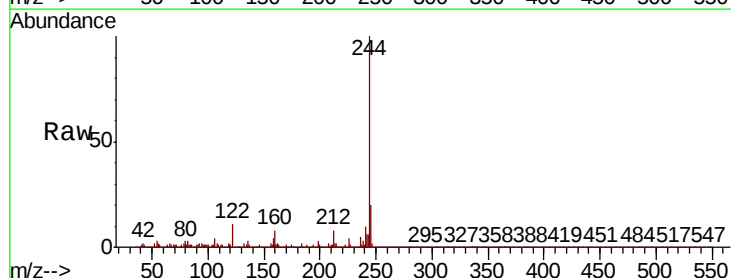
Instrument :
BNA_P
ClientSampleId :
TP-2

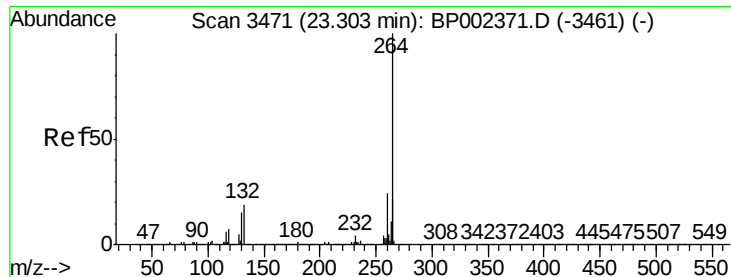
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.3	13.9
236	25.2	21.0	31.6



#79
Terphenyl-d14
Concen: 66.488 ng
RT: 19.58 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BP002441.D
Acq: 18 Jun 2020 15:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	10.0
122	10.7	8.8	13.2





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.29 min Scan# 3469
 Delta R.T. -0.01 min
 Lab File: BP002441.D
 Acq: 18 Jun 2020 15:01

Instrument :
 BNA_P
 ClientSampleId :
 TP-2

Tot Ion:	264	Resp:	882417
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	21.7	17.4	26.2

