

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061720\
 Data File : BP002423.D
 Acq On : 17 Jun 2020 17:27
 Operator : CG/JU
 Sample : L3020-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-26(18-20)

Quant Time: Jun 17 18:09:39 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

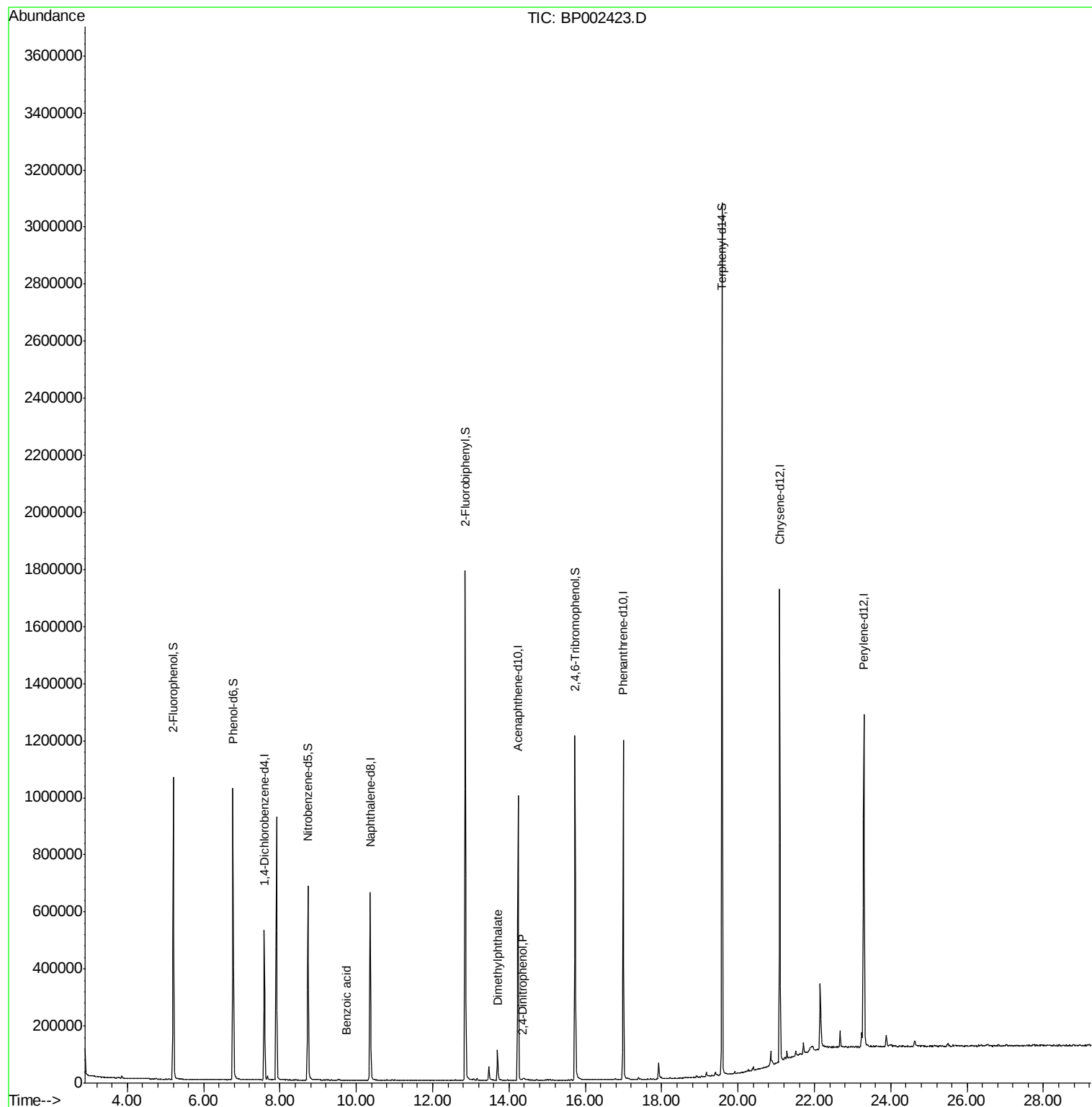
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	137453	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	562335	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	336912	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	724452	20.00	ng	0.00
76) Chrysene-d12	21.09	240	741859	20.00	ng	-0.02
86) Perylene-d12	23.29	264	793102	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	454321	61.16	ng	0.00
7) Phenol-d6	6.77	99	617477	62.44	ng	-0.01
23) Nitrobenzene-d5	8.73	82	397868	42.25	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	209473	64.94	ng	-0.01
45) 2-Fluorobiphenyl	12.85	172	936081	46.72	ng	0.00
79) Terphenyl-d14	19.58	244	1459954	33.89	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	154	Below Cal	#	21
32) Benzoic acid	9.74	122	29	4.603 ng	#	1
50) Dimethylphthalate	13.70	163	72492	3.140 ng	#	100
54) 2,4-Dinitrophenol	14.35	184	18	2.792 ng	#	19
61) 4-Chlorophenyl-phenylether	15.29	204	35	Below Cal	#	43

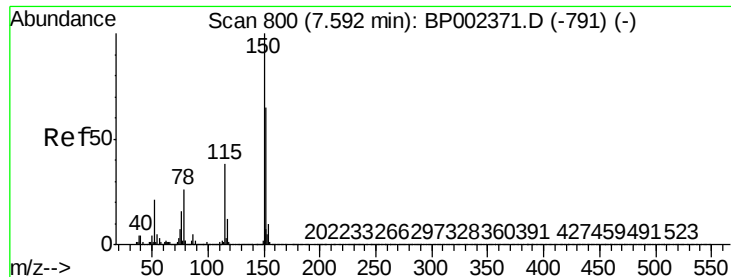
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP002423.D

Acq: 17 Jun 2020 17:27

Instrument :

BNA_P

ClientSampleId :

MW-26(18-20)

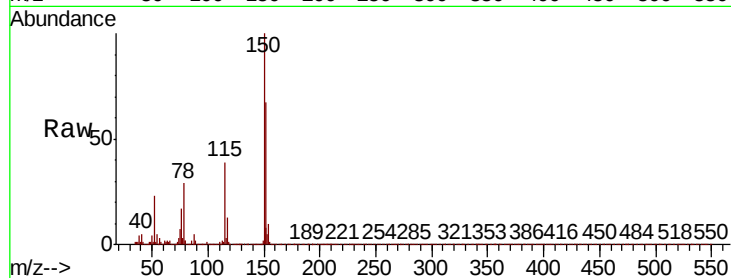
Tot Ion:152 Resp: 137453

Ion Ratio Lower Upper

152 100

150 150.2 124.0 186.0

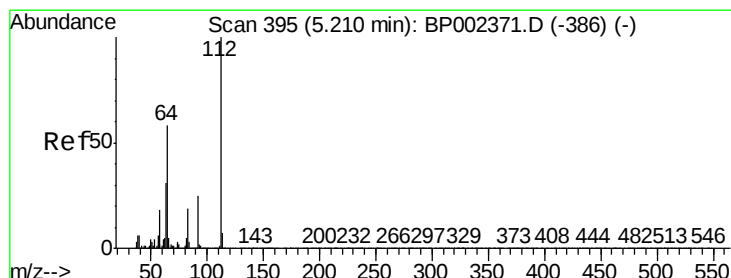
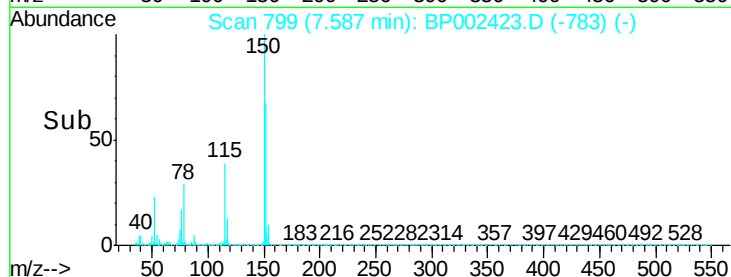
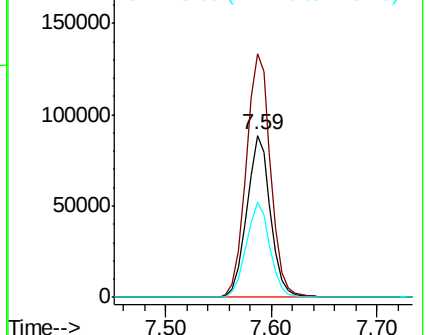
115 58.3 47.4 71.0



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: 61.161 ng

RT: 5.20 min Scan# 394

Delta R.T. -0.01 min

Lab File: BP002423.D

Acq: 17 Jun 2020 17:27

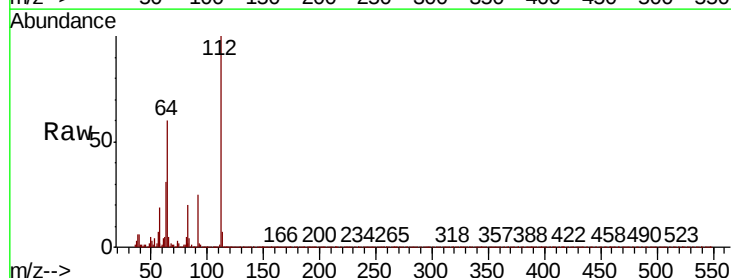
Tgt Ion:112 Resp: 454321

Ion Ratio Lower Upper

112 100

64 60.3 46.2 69.2

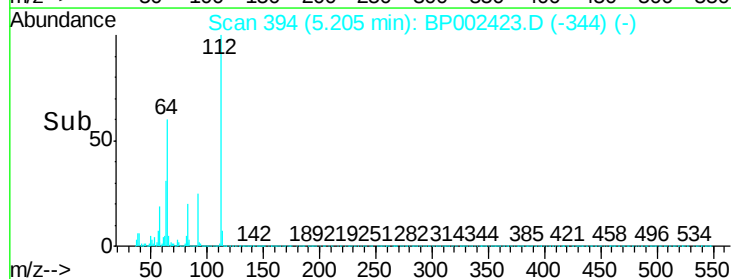
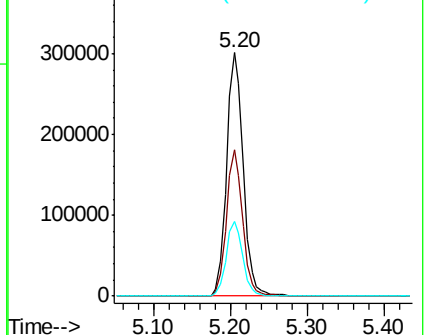
63 30.9 24.5 36.7

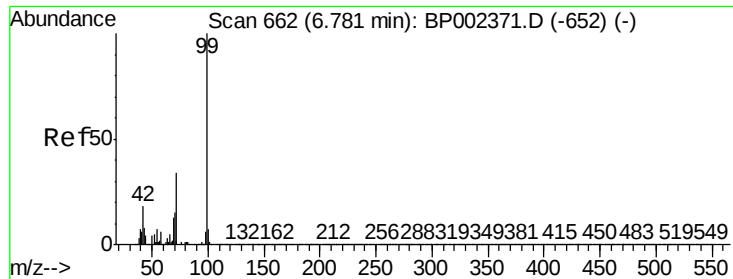


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 62.435 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.01 min

Lab File: BP002423.D

Acq: 17 Jun 2020 17:27

Instrument :

BNA_P

ClientSampleId :

MW-26(18-20)

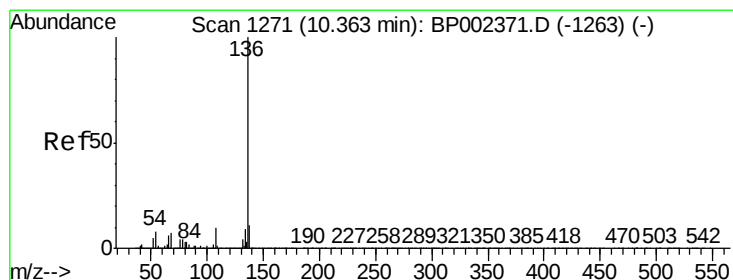
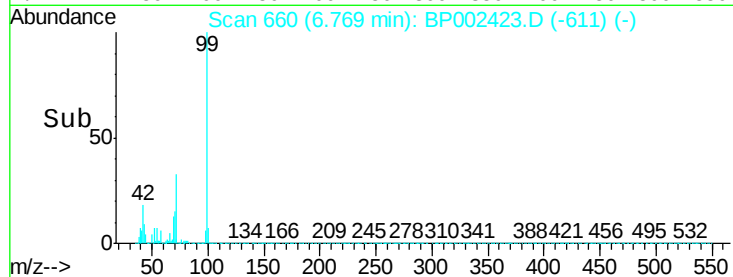
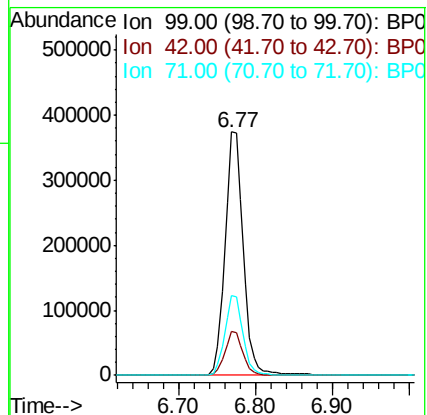
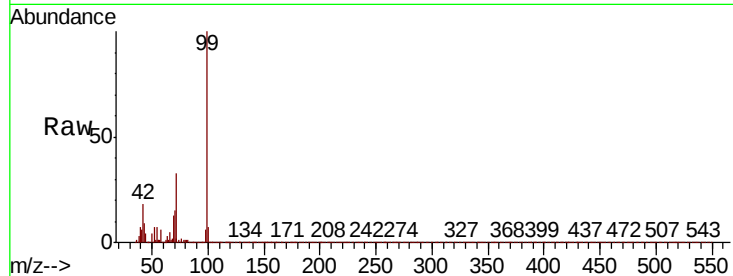
Tot Ion: 99 Resp: 617477

Ion Ratio Lower Upper

99 100

42 18.1 14.6 22.0

71 32.6 27.2 40.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BP002423.D

Acq: 17 Jun 2020 17:27

Tgt Ion: 136 Resp: 562335

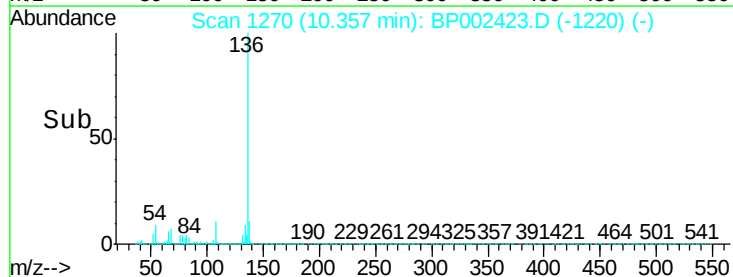
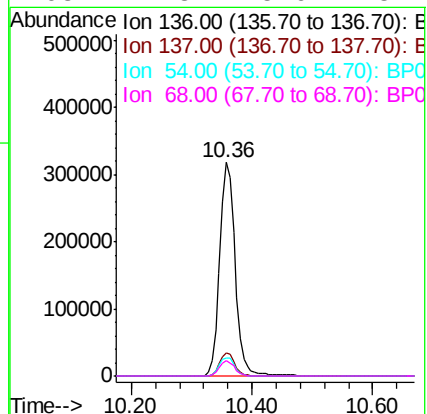
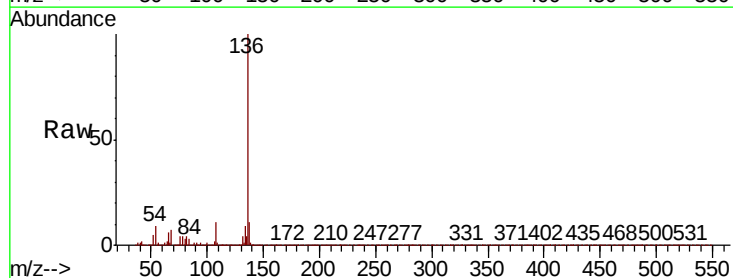
Ion Ratio Lower Upper

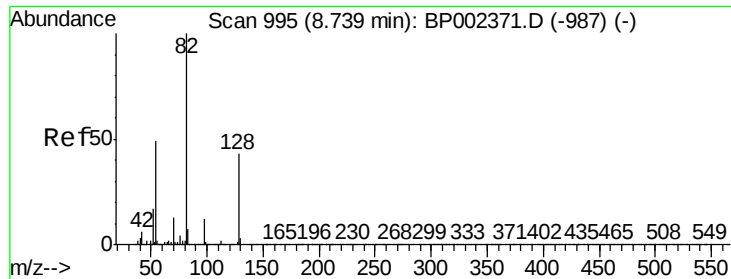
136 100

137 10.8 8.8 13.2

54 8.7 6.4 9.6

68 7.3 5.6 8.4

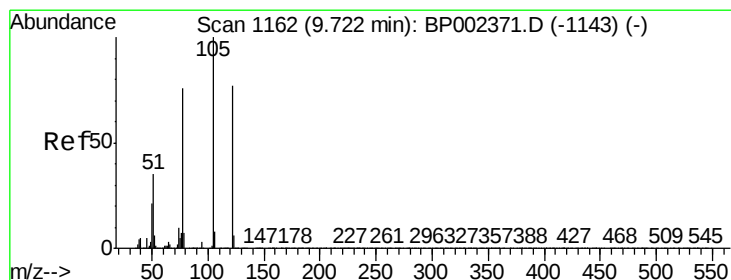
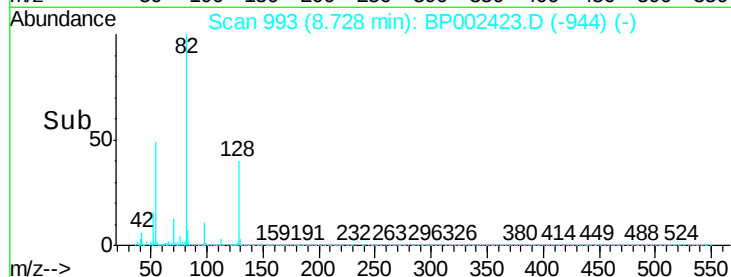
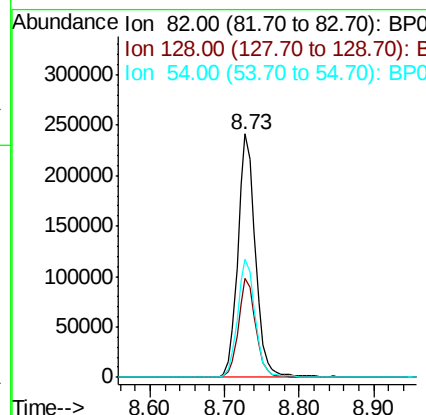
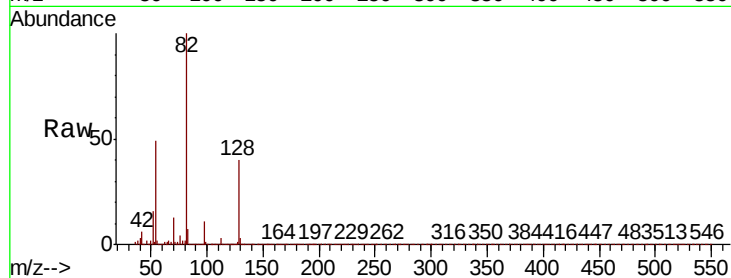




#23
Nitrobenzene-d5
Concen: 42.253 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP002423.D
Acq: 17 Jun 2020 17:27

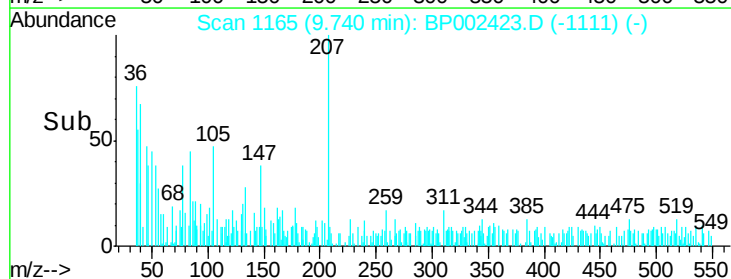
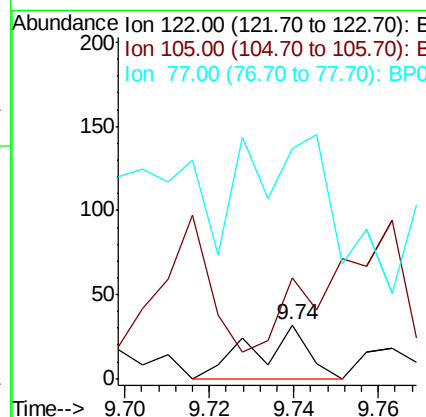
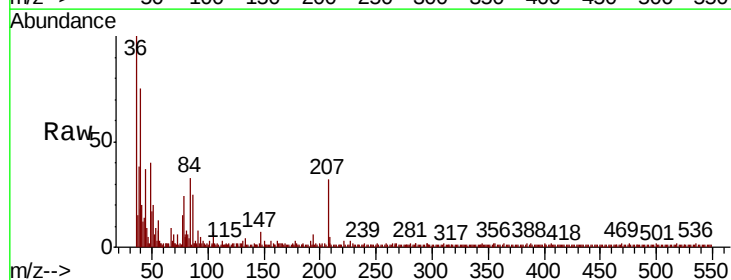
Instrument :
BNA_P
ClientSampleId :
MW-26(18-20)

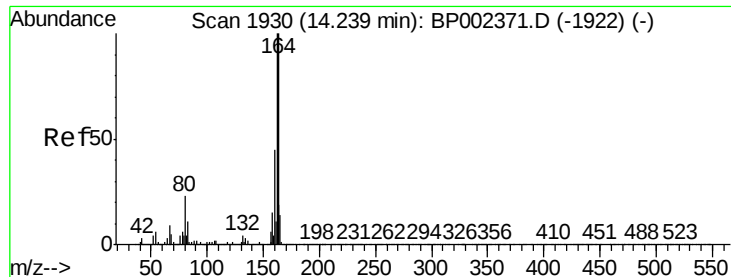
Tot Ion	82	Resp	397868
Ion Ratio	100	Lower	Upper
128	40.4	34.5	51.7
54	48.8	39.4	59.2



#32
Benzoic acid
Concen: 4.603 ng
RT: 9.74 min Scan# 1165
Delta R.T. 0.02 min
Lab File: BP002423.D
Acq: 17 Jun 2020 17:27

Tgt Ion	122	Resp	29
Ion Ratio	100	Lower	Upper
105	187.5	106.3	146.3#
77	428.1	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: BP002423.D

Acq: 17 Jun 2020 17:27

Instrument :

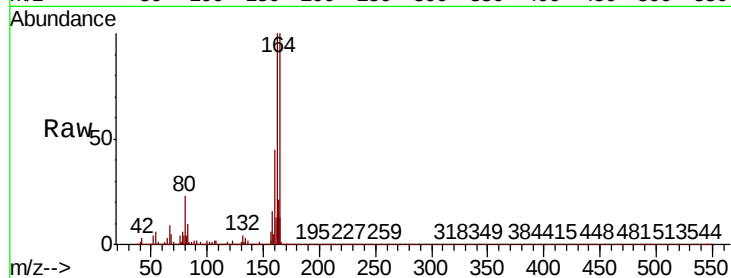
BNA_P

ClientSampleId :

MW-26(18-20)

Tot Ion:164 Resp: 336912

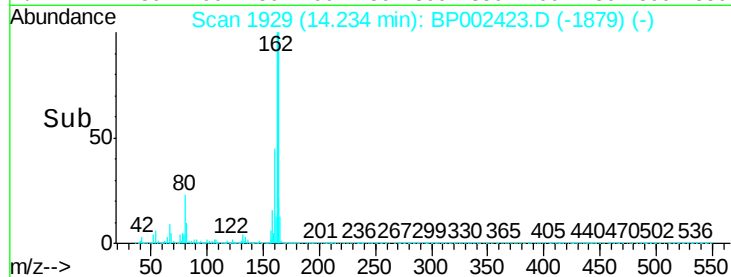
Ion	Ratio	Lower	Upper
164	100		
162	99.8	79.8	119.8
160	45.2	36.2	54.2



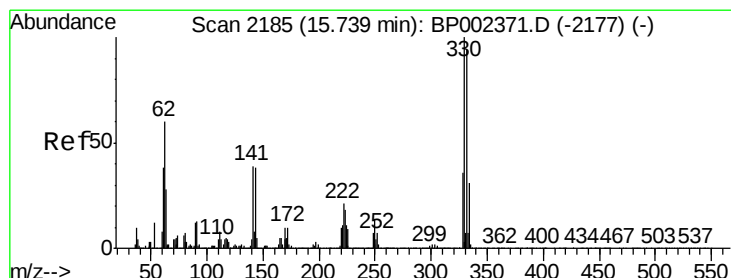
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time--> 14.10 14.20 14.30 14.40



#42

2,4,6-Tribromophenol

Concen: 64.939 ng

RT: 15.73 min Scan# 2183

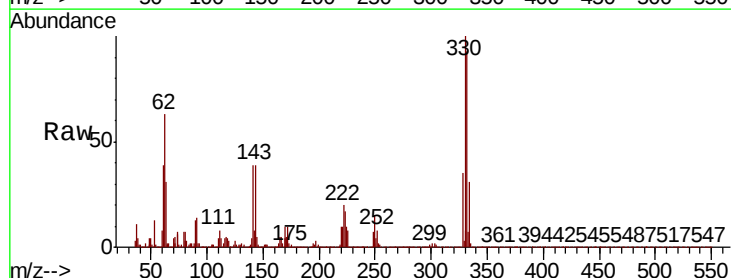
Delta R.T. -0.01 min

Lab File: BP002423.D

Acq: 17 Jun 2020 17:27

Tgt Ion:330 Resp: 209473

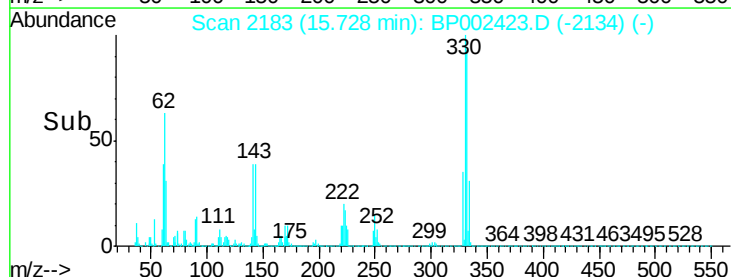
Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	38.1	30.3	45.5



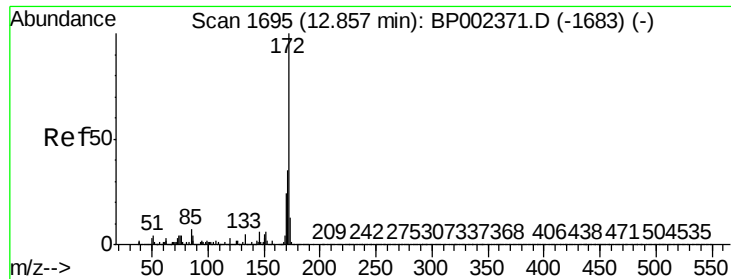
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



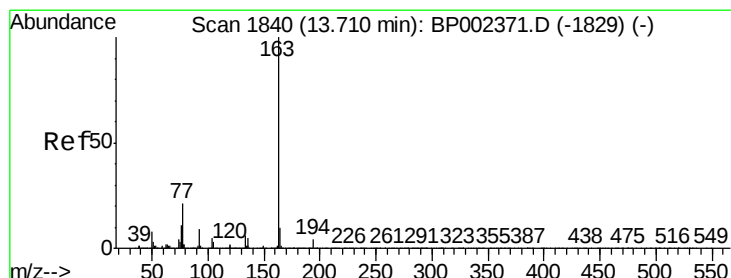
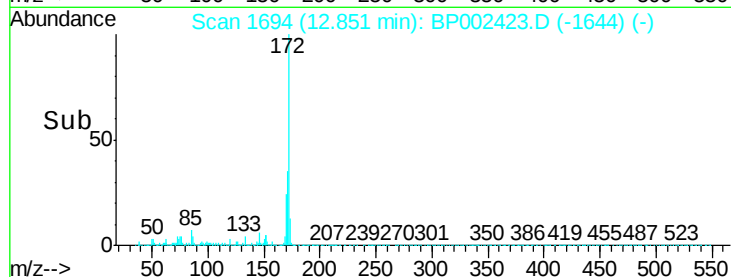
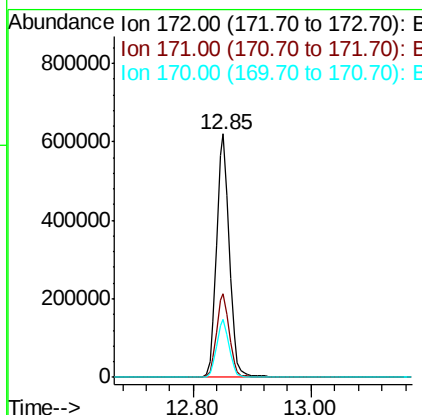
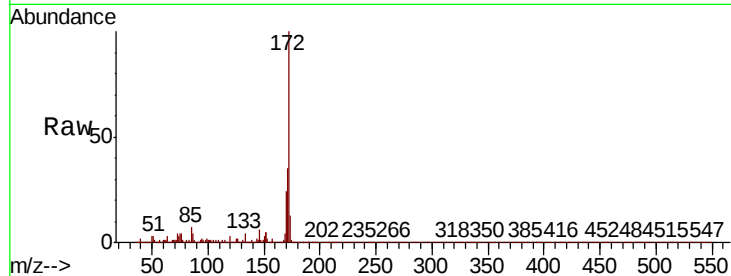
Time--> 15.60 15.70 15.80 15.90



#45
2-Fluorobiphenyl
Concen: 46.717 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002423.D
Acq: 17 Jun 2020 17:27

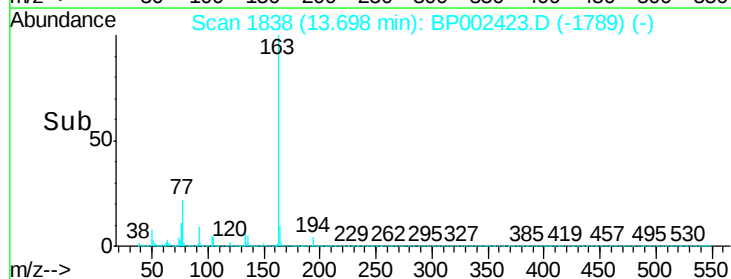
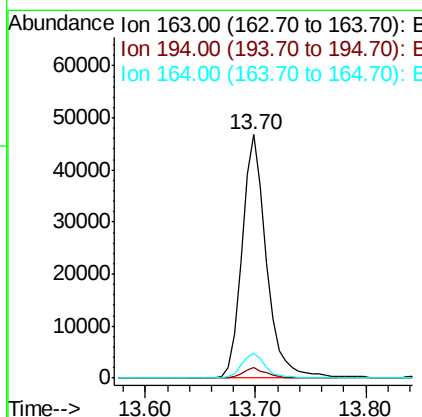
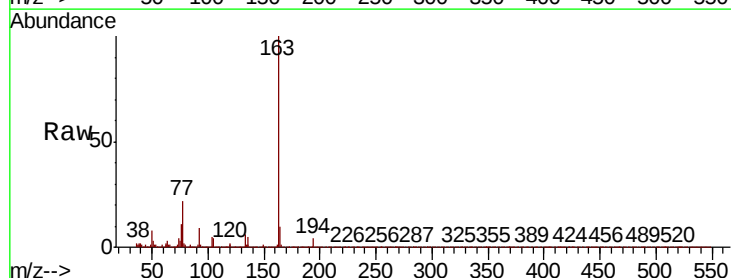
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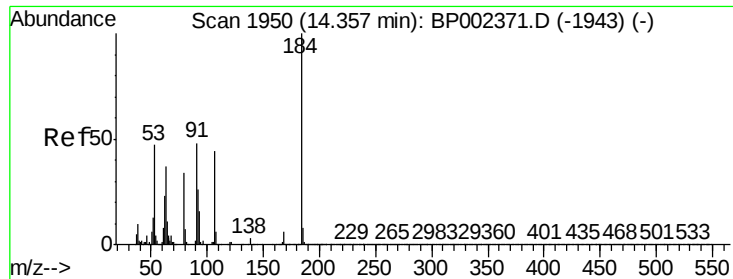
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.8
170	23.6	19.0	28.6



#50
Dimethylphthalate
Concen: 3.140 ng
RT: 13.70 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BP002423.D
Acq: 17 Jun 2020 17:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.1	8.1	12.1

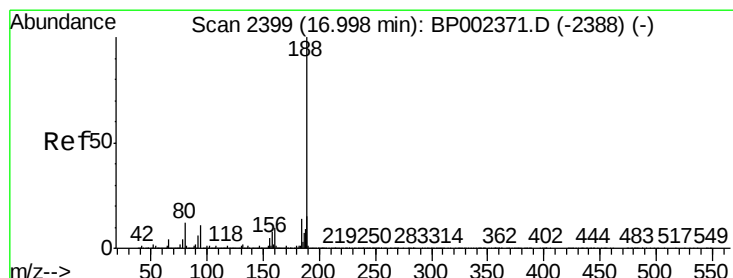
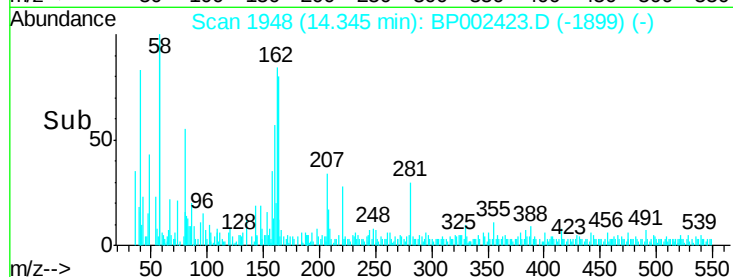
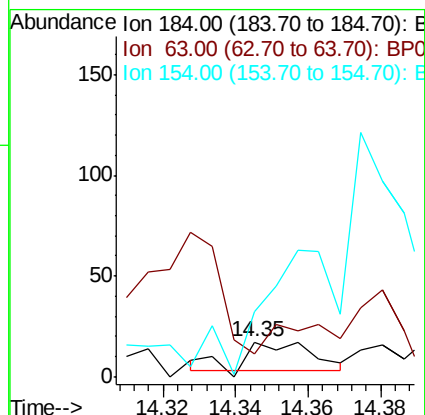
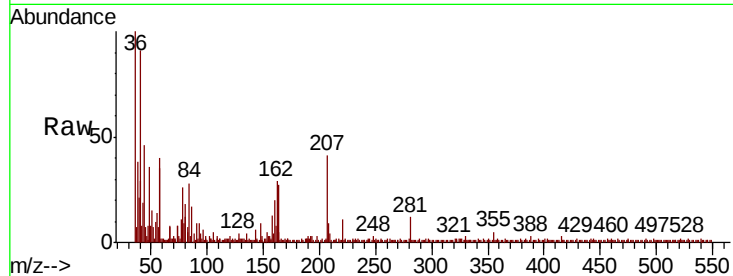




#54
2,4-Dinitrophenol
Concen: 2.792 ng
RT: 14.35 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP002423.D
Acq: 17 Jun 2020 17:27

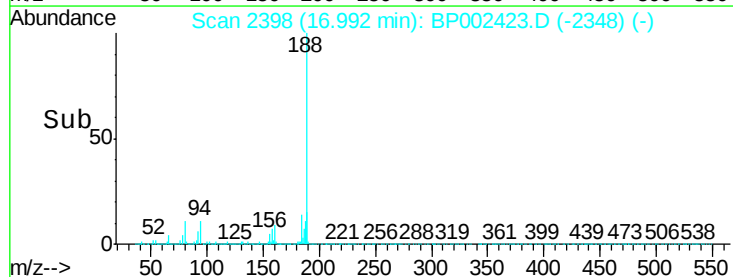
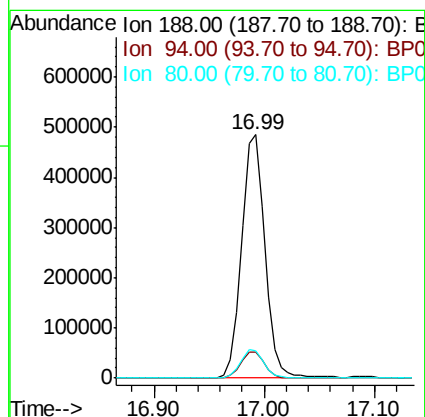
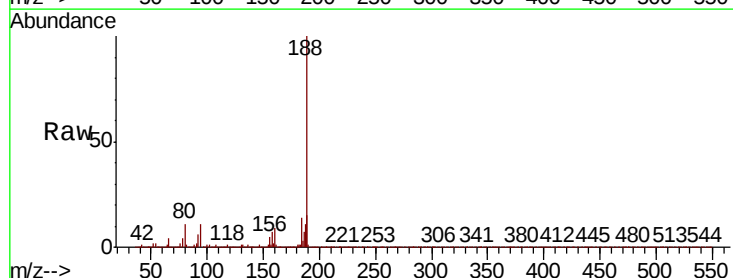
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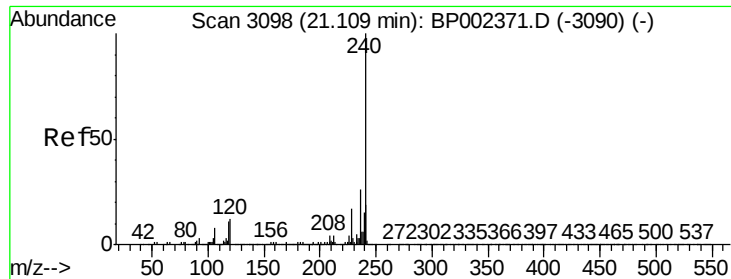
Tot Ion:184 Resp: 18
Ion Ratio Lower Upper
184 100
63 64.7 52.3 78.5
154 188.2 48.6 72.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002423.D
Acq: 17 Jun 2020 17:27

Tgt Ion:188 Resp: 724452
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.2 9.4 14.0

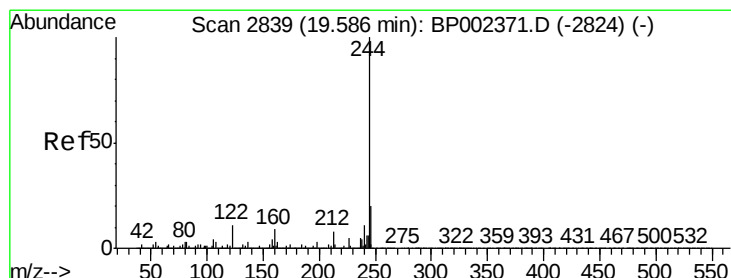
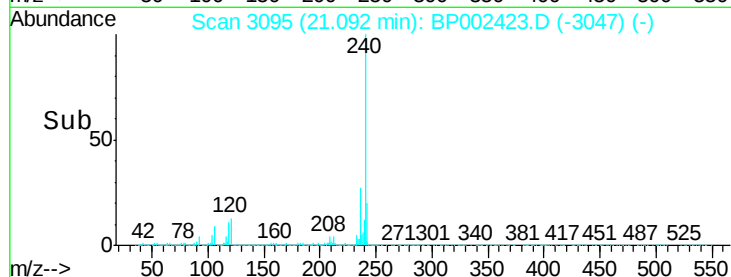
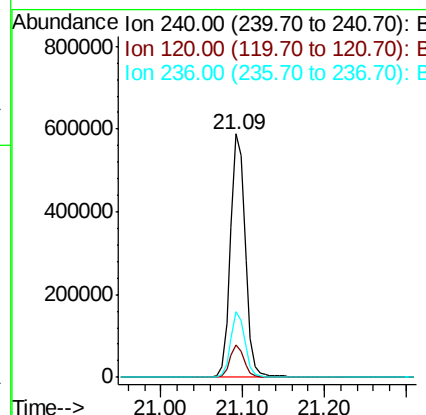
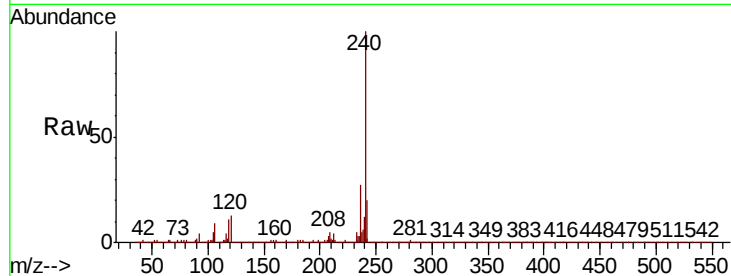




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.09 min Scan# 3095
 Delta R.T. -0.02 min
 Lab File: BP002423.D
 Acq: 17 Jun 2020 17:27

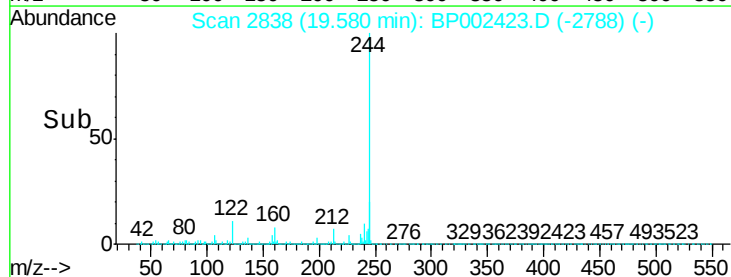
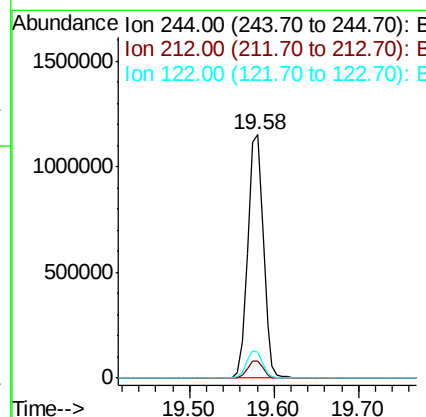
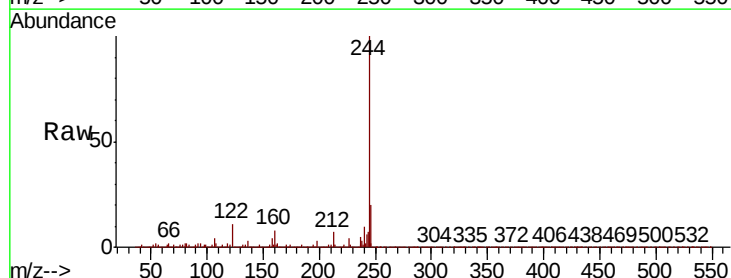
Instrument :
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 MW-26(18-20)

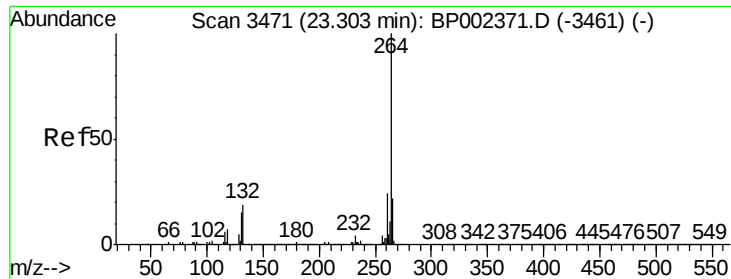
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.3	13.9
236	26.8	21.0	31.6



#79
 Terphenyl-d14
 Concen: 33.892 ng
 RT: 19.58 min Scan# 2838
 Delta R.T. -0.00 min
 Lab File: BP002423.D
 Acq: 17 Jun 2020 17:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.6	10.0
122	10.9	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: BP002423.D
Acq: 17 Jun 2020 17:27

Instrument :
BNA_P
ClientSampleId :
MW-26(18-20)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	22.1	17.4	26.2

