

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061720\
 Data File : BP002420.D
 Acq On : 17 Jun 2020 15:44
 Operator : CG/JU
 Sample : PB129590BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129590BL

Quant Time: Jun 17 16:34:12 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

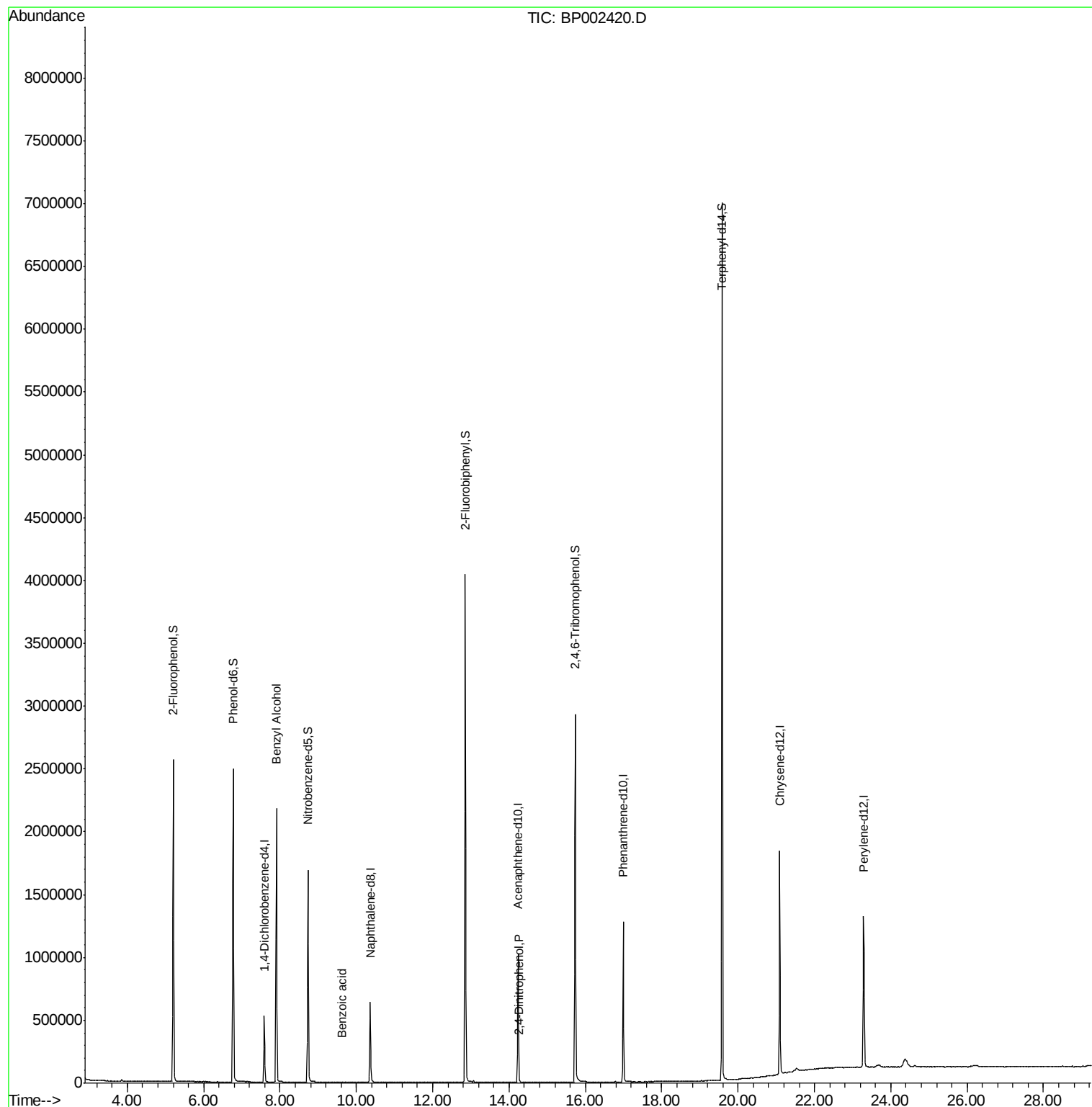
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	134952	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	546505	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	341647	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	776432	20.00	ng	0.00
76) Chrysene-d12	21.09	240	804286	20.00	ng	-0.02
86) Perylene-d12	23.29	264	844770	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1085396	148.83	ng	0.00
7) Phenol-d6	6.78	99	1442580	148.57	ng	0.00
23) Nitrobenzene-d5	8.73	82	983429	107.46	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	536742	164.09	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2102925	103.50	ng	0.00
79) Terphenyl-d14	19.58	244	3449108	122.46	ng	0.00
Target Compounds						
9) Benzaldehyde	6.78	77	2549	Below Cal	#	4
15) Benzyl Alcohol	7.90	79	16666	2.214 ng	#	47
32) Benzoic acid	9.62	122	36	4.605 ng		94
54) 2,4-Dinitrophenol	14.27	184	18	2.792 ng		97
61) 4-Chlorophenyl-phenylether	15.28	204	6	Below Cal	#	1

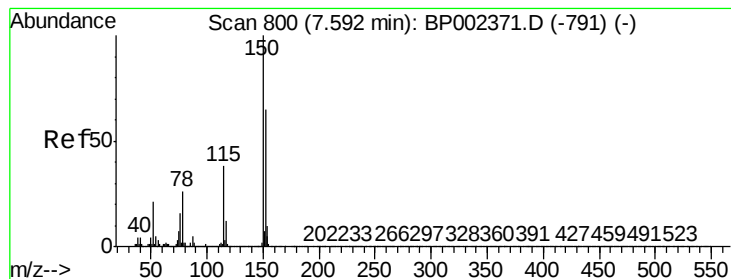
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP002420.D

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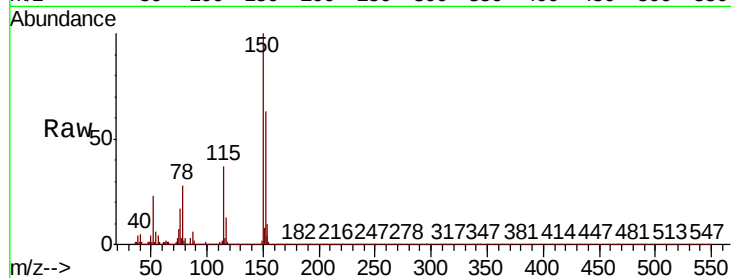
Tot Ion:152 Resp: 134952

Ion Ratio Lower Upper

152 100

150 159.3 124.0 186.0

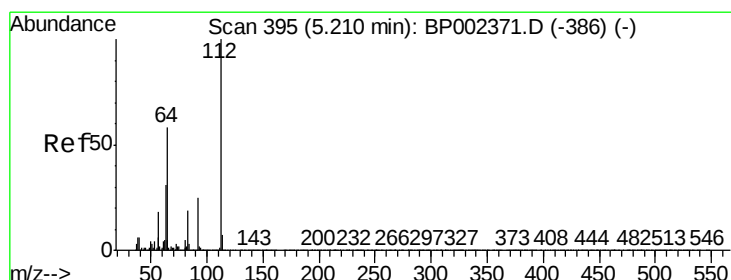
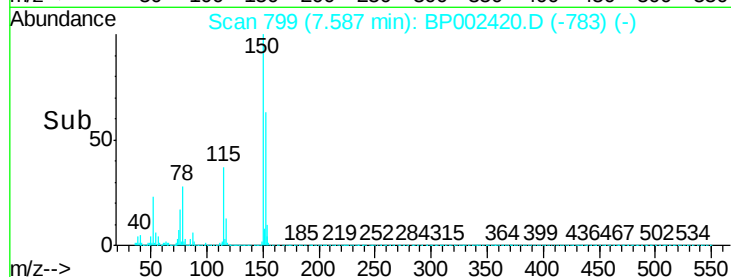
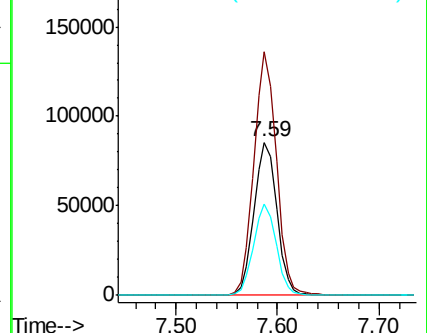
115 59.5 47.4 71.0



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: 148.826 ng

RT: 5.20 min Scan# 394

Delta R.T. -0.01 min

Lab File: BP002420.D

Acq: 17 Jun 2020 15:44

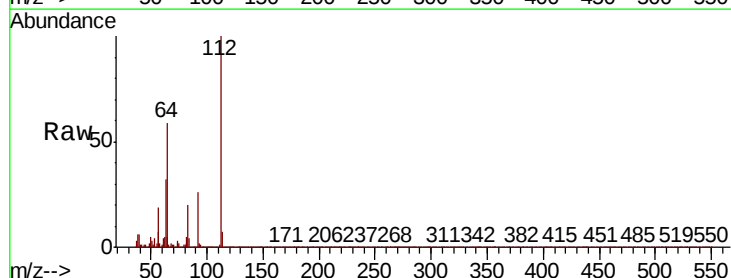
Tgt Ion:112 Resp: 1085396

Ion Ratio Lower Upper

112 100

64 59.4 46.2 69.2

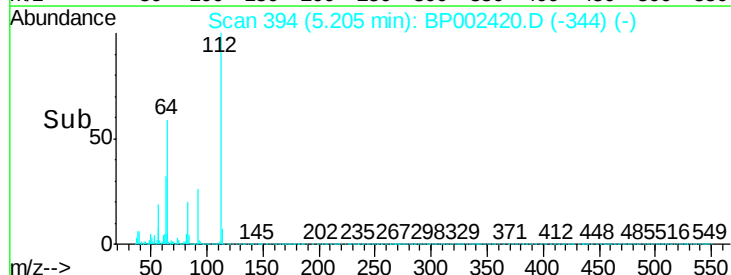
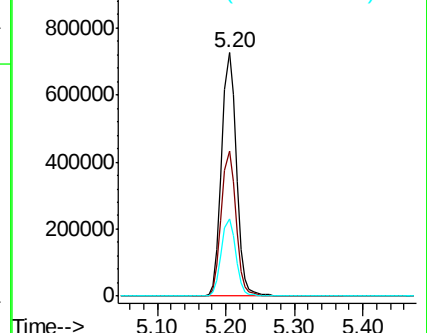
63 31.7 24.5 36.7

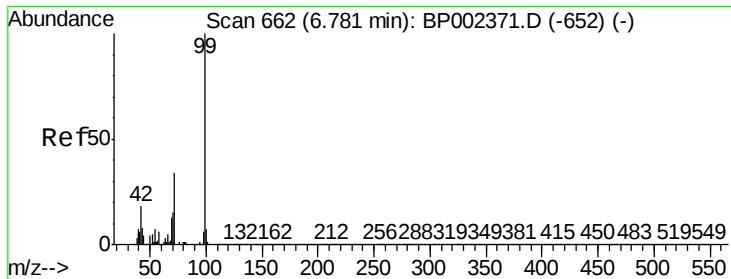


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 148.567 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002420.D

Acq: 17 Jun 2020 15:44

Instrument :

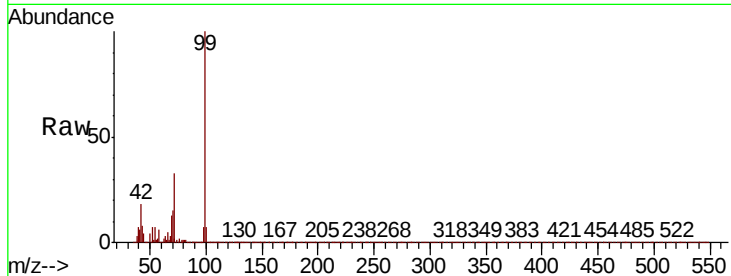
BNA_P

ClientSampleId :

PB129590BL

Tot Ion: 99 Resp: 1442580

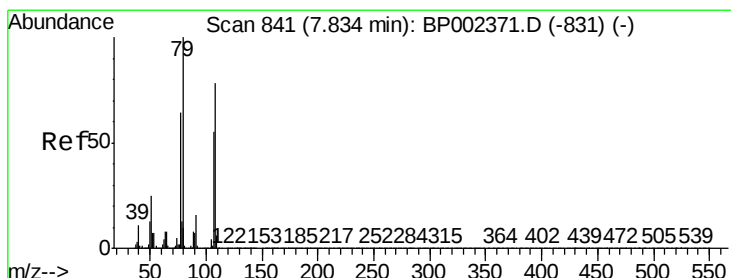
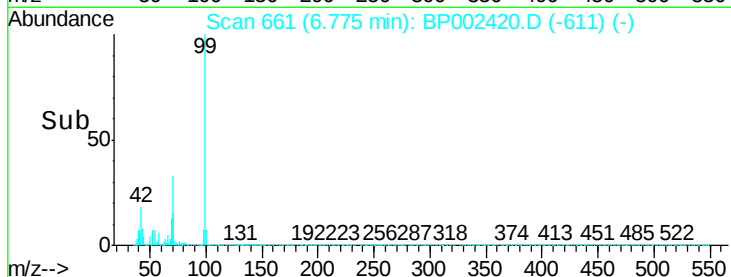
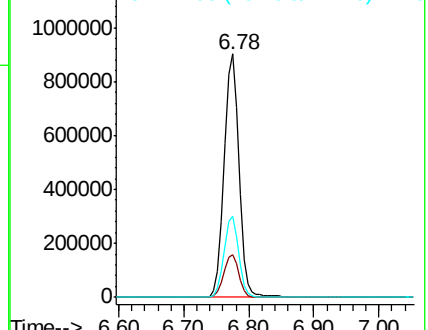
Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.6	22.0
71	33.5	27.2	40.8



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



#15

Benzyl Alcohol

Concen: 2.214 ng

RT: 7.90 min Scan# 853

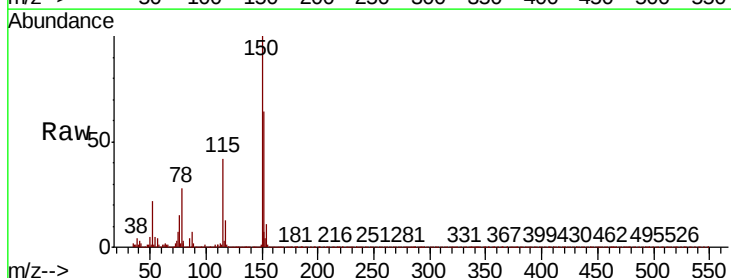
Delta R.T. 0.07 min

Lab File: BP002420.D

Acq: 17 Jun 2020 15:44

Tgt Ion: 79 Resp: 16666

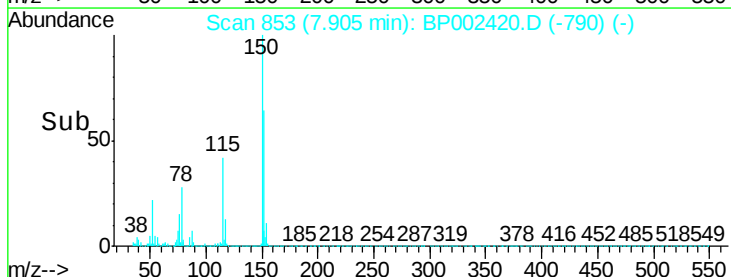
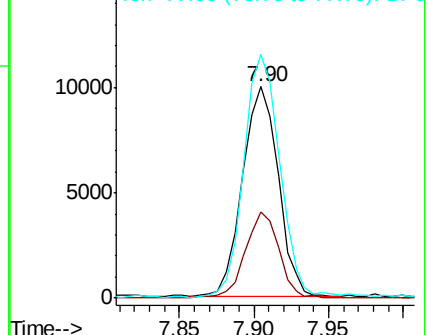
Ion	Ratio	Lower	Upper
79	100		
108	40.9	62.6	94.0#
77	115.3	51.5	77.3#

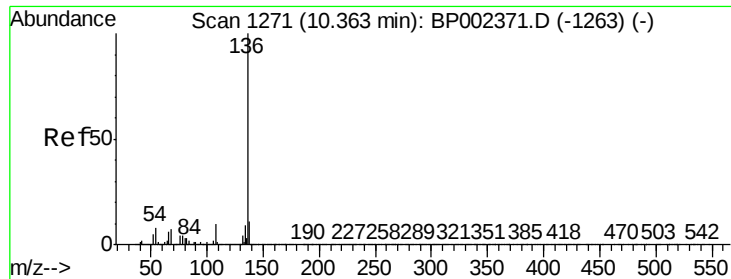


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

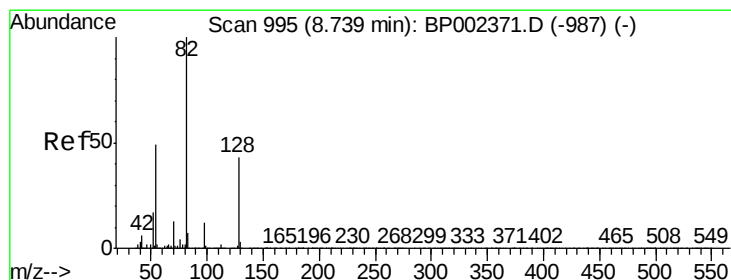
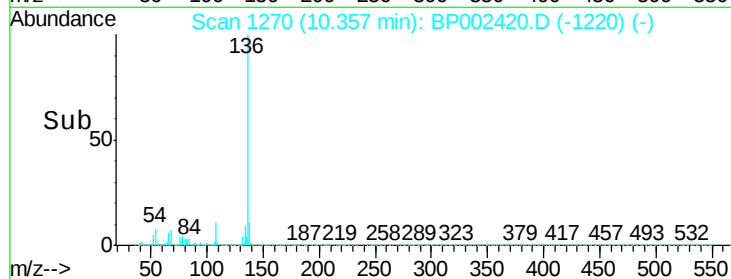
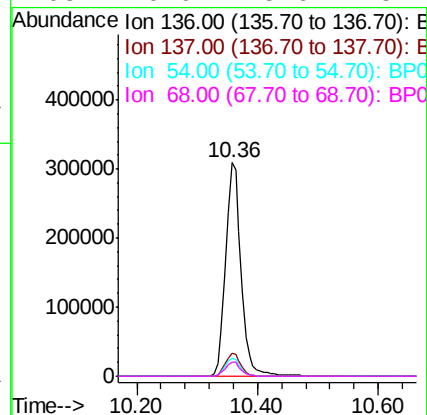
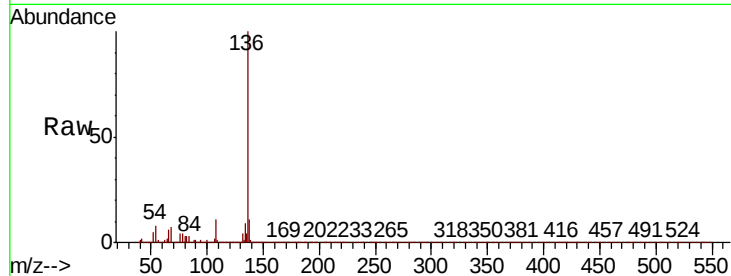




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BP002420.D
Acq: 17 Jun 2020 15:44

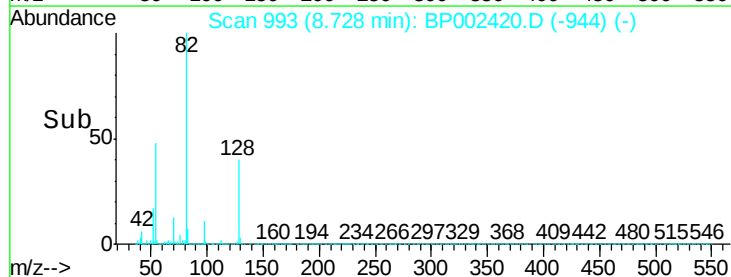
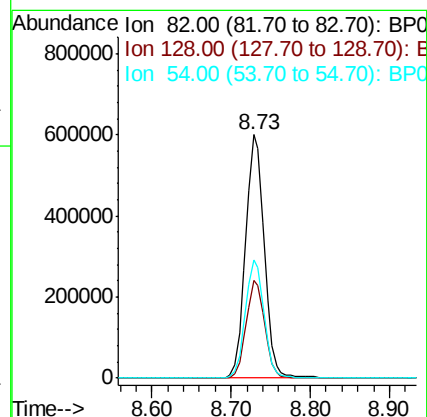
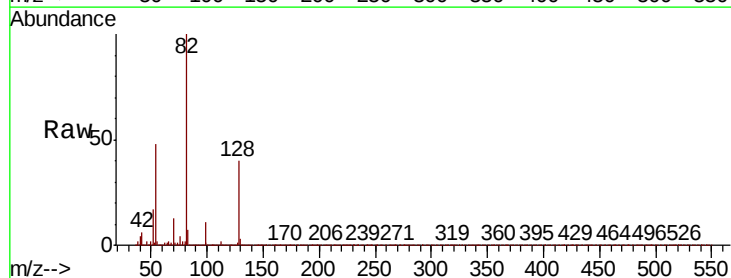
Instrument :
BNA_P
ClientSampleId :
PB129590BL

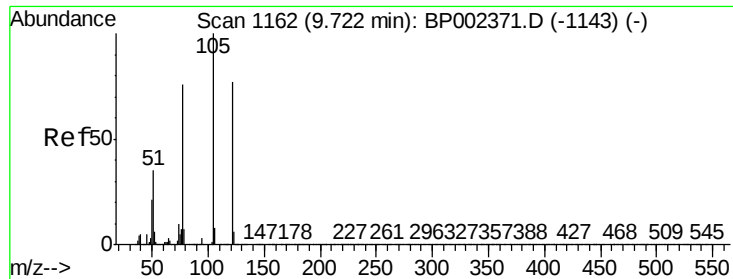
Tot Ion:136	Resp:	546505
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.8	13.2
54 8.4	6.4	9.6
68 6.9	5.6	8.4



#23
Nitrobenzene-d5
Concen: 107.463 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP002420.D
Acq: 17 Jun 2020 15:44

Tgt Ion: 82	Resp: 983429
Ion Ratio	Lower Upper
82 100	
128 39.9	34.5 51.7
54 48.5	39.4 59.2

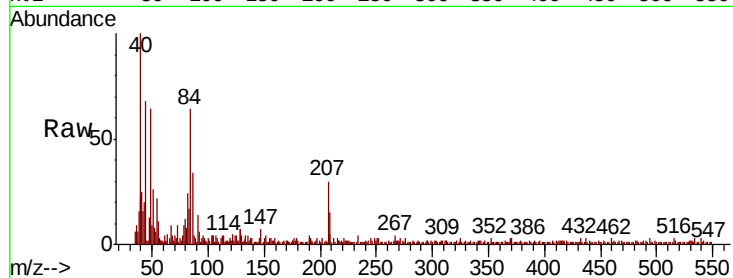




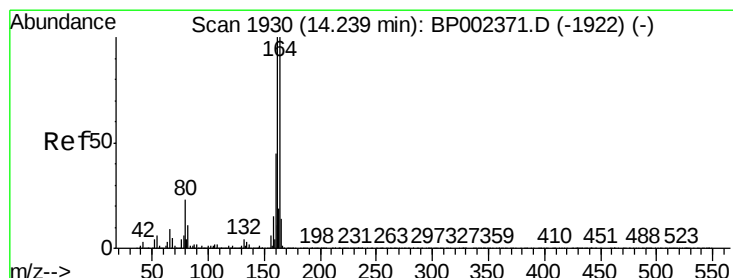
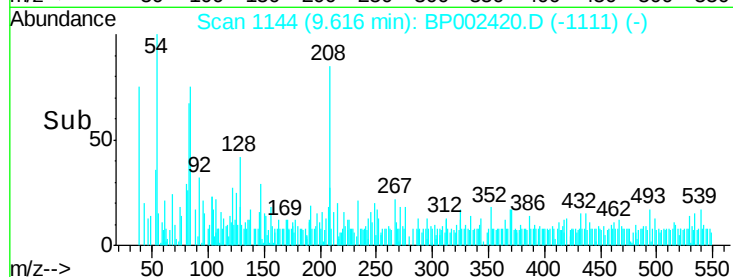
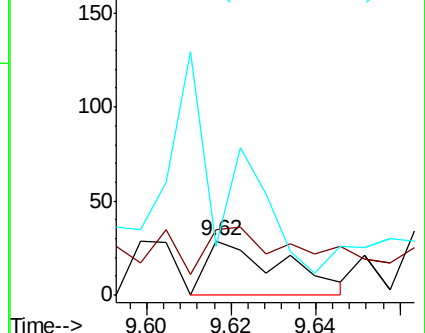
#32
Benzoic acid
Concen: 4.605 ng
RT: 9.62 min Scan# 1144
Delta R.T. -0.10 min
Lab File: BP002420.D
Acq: 17 Jun 2020 15:44

Instrument :
BNA_P
ClientSampleId :
PB129590BL

Tot Ion	Ratio	Lower	Upper
122	100		
105	120.7	106.3	146.3
77	89.7	77.5	117.5

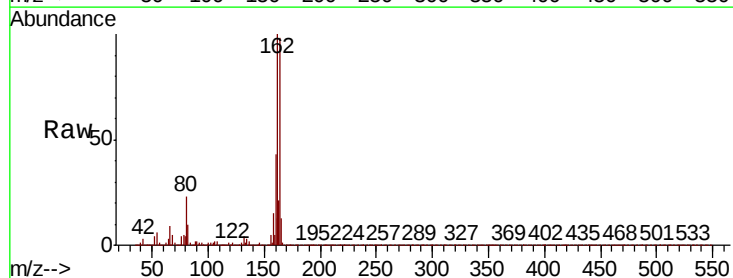


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BPO

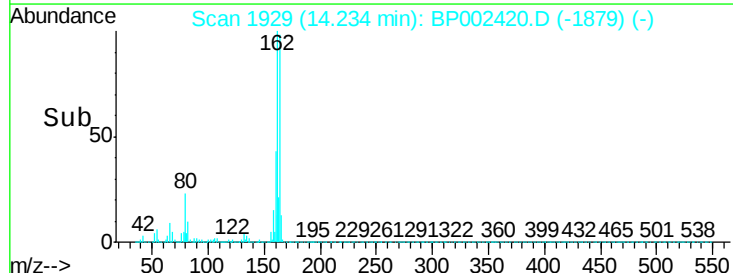
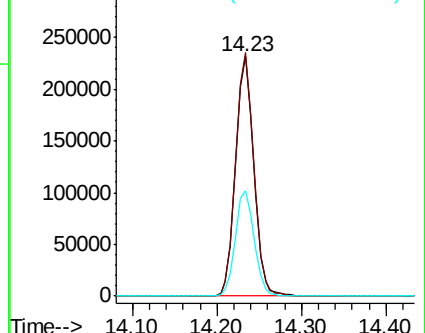


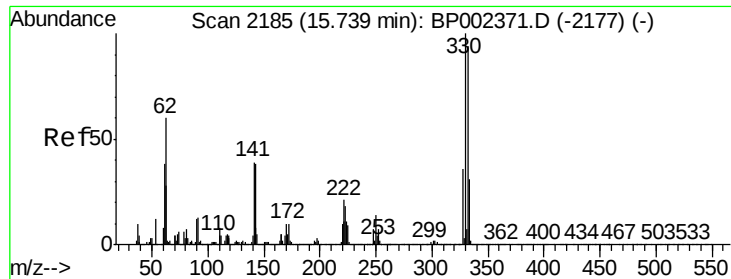
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BP002420.D
Acq: 17 Jun 2020 15:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	79.8	119.8
160	44.1	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

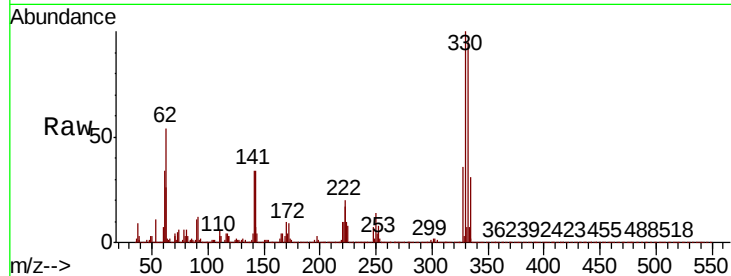




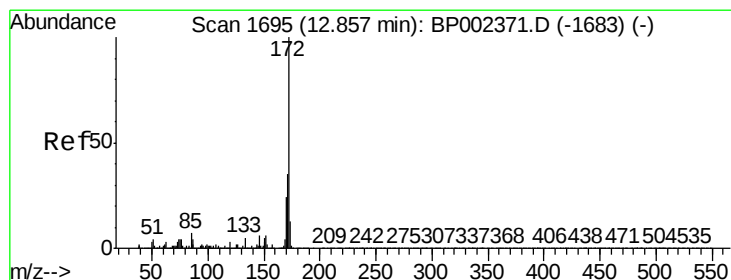
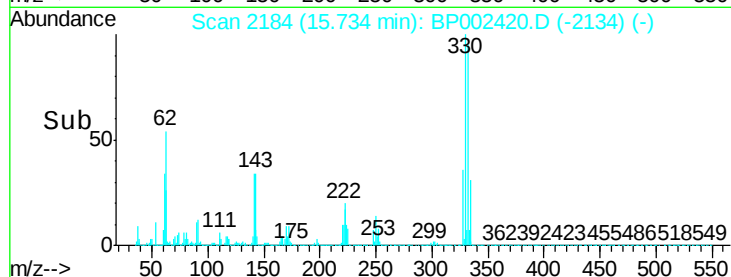
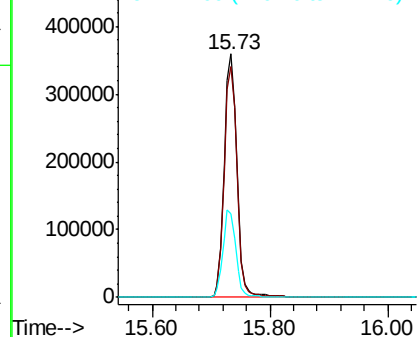
#42
2,4,6-Tribromophenol
Concen: 164.090 ng
RT: 15.73 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BP002420.D
Acq: 17 Jun 2020 15:44

Instrument :
BNA_P
ClientSampleId :
PB129590BL

Tot Ion:330 Resp: 536742
Ion Ratio Lower Upper
330 100
332 95.5 76.6 115.0
141 36.8 30.3 45.5

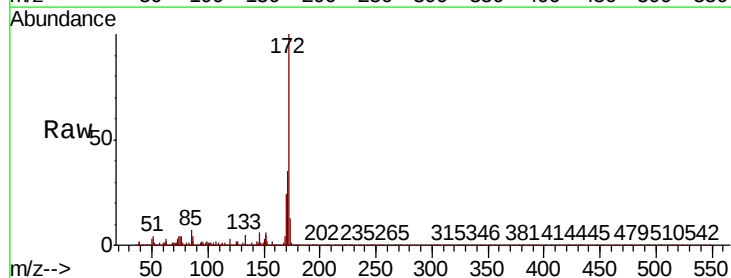


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

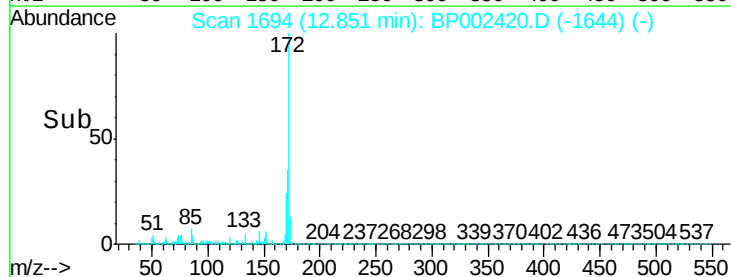
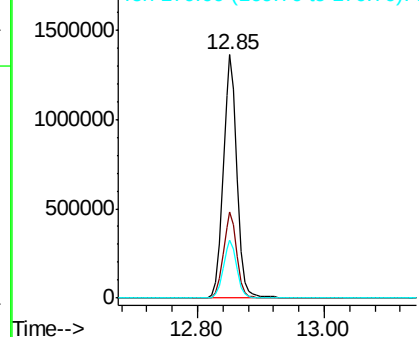


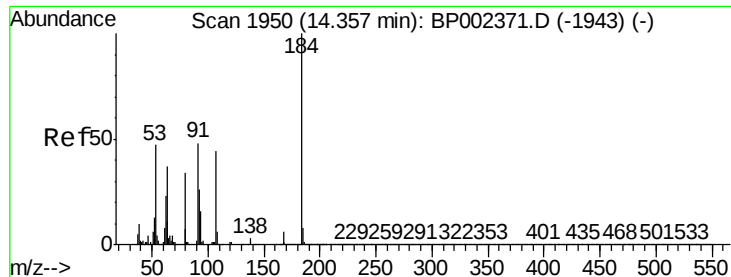
#45
2-Fluorobiphenyl
Concen: 103.496 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002420.D
Acq: 17 Jun 2020 15:44

Tgt Ion:172 Resp: 2102925
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 23.8 19.0 28.6



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

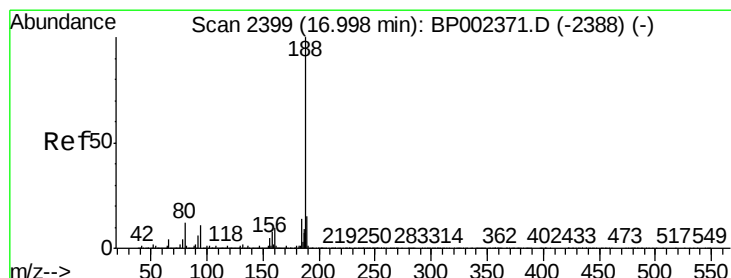
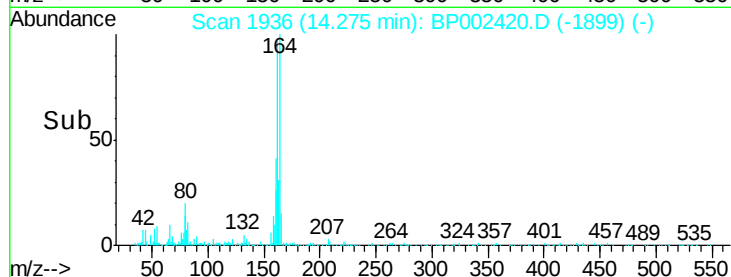
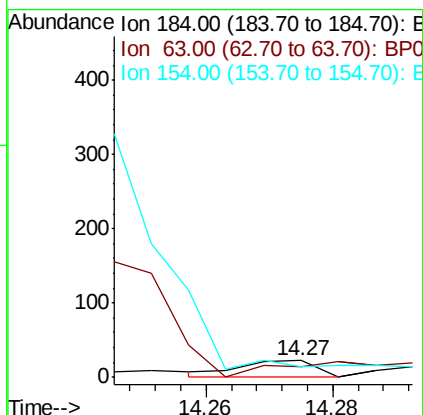
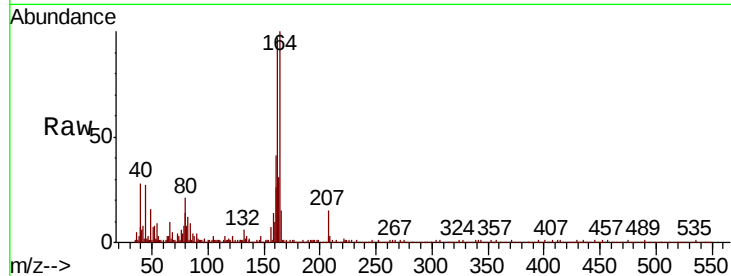




#54
2,4-Dinitrophenol
Concen: 2.792 ng
RT: 14.27 min Scan# 1936
Delta R.T. -0.08 min
Lab File: BP002420.D
Acq: 17 Jun 2020 15:44

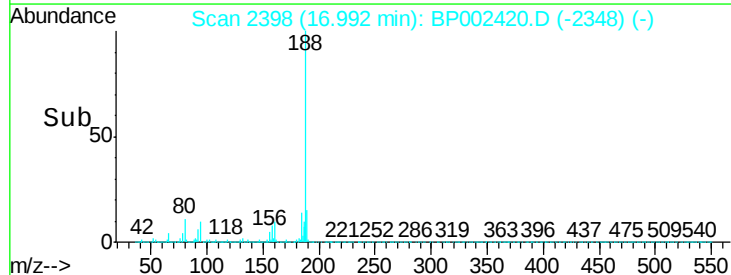
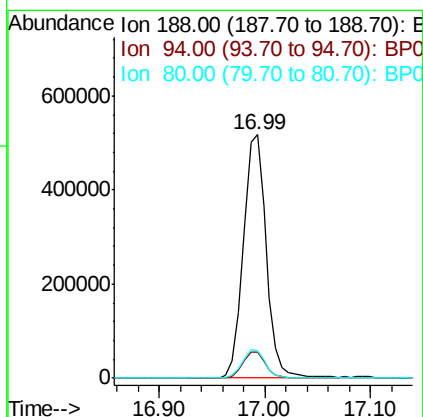
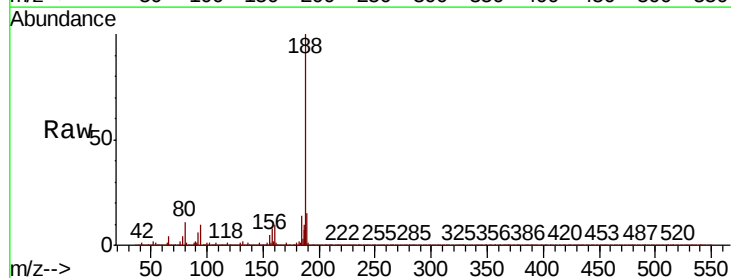
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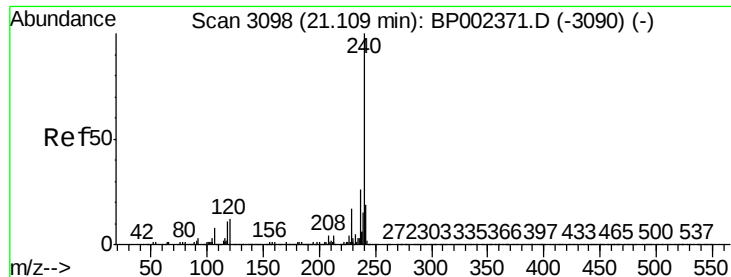
Tot Ion:184 Resp: 18
Ion Ratio Lower Upper
184 100
63 63.6 52.3 78.5
154 63.6 48.6 72.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002420.D
Acq: 17 Jun 2020 15:44

Tgt Ion:188 Resp: 776432
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.1 9.4 14.0

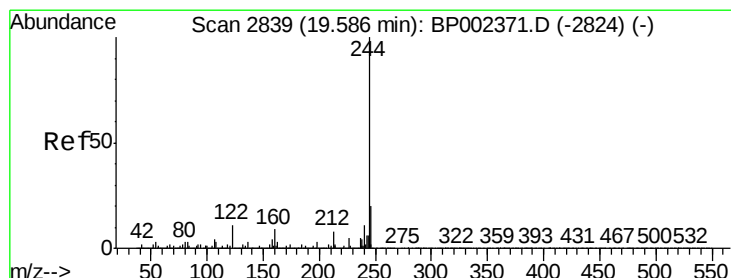
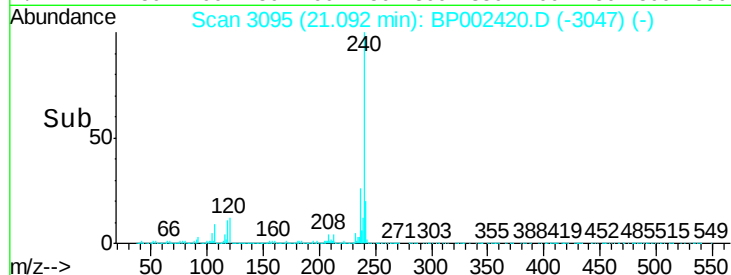
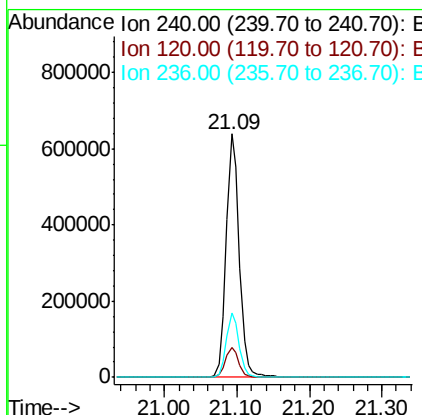
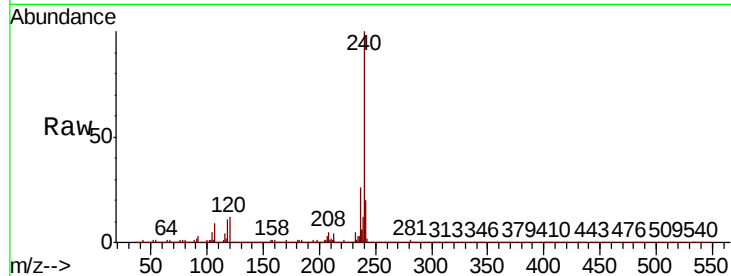




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BP002420.D
Acq: 17 Jun 2020 15:44

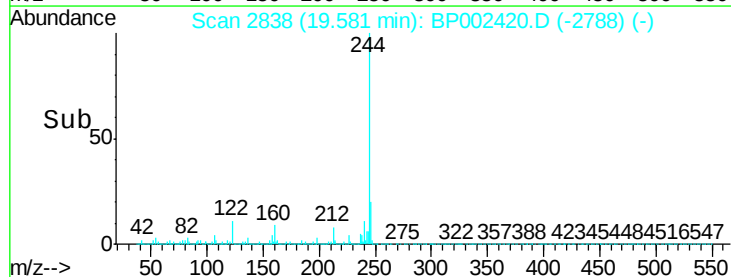
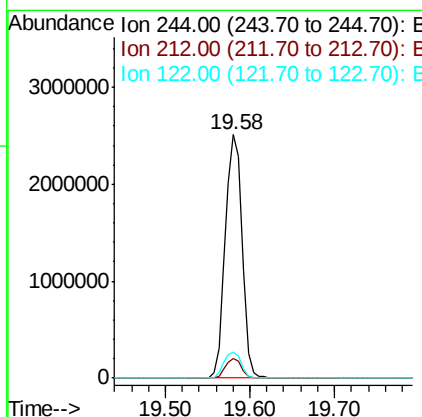
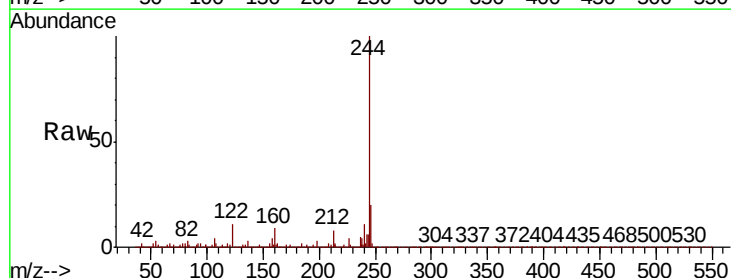
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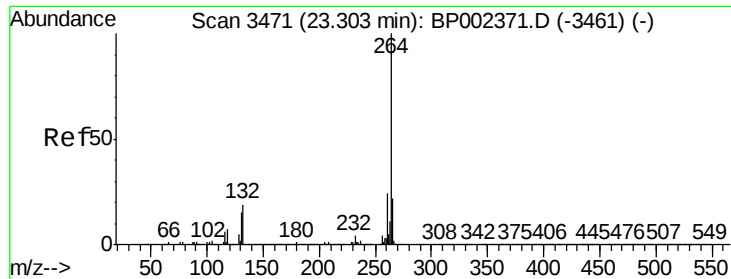
Tot Ion:240 Resp: 804286
Ion Ratio Lower Upper
240 100
120 12.2 9.3 13.9
236 26.4 21.0 31.6



#79
Terphenyl-d14
Concen: 122.462 ng
RT: 19.58 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BP002420.D
Acq: 17 Jun 2020 15:44

Tgt Ion:244 Resp: 3449108
Ion Ratio Lower Upper
244 100
212 8.1 6.6 10.0
122 10.6 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: BP002420.D
Acq: 17 Jun 2020 15:44

Instrument :
BNA_P
ClientSampleId :
PB129590BL

Tot Ion: 264 Resp: 844770

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.6	17.4	26.2

