

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
 Data File : BP002521.D
 Acq On : 24 Jun 2020 14:11
 Operator : CG/JU
 Sample : L3090-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 359-RO

Quant Time: Jun 24 15:13:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 24 13:54:06 2020
 Response via : Initial Calibration

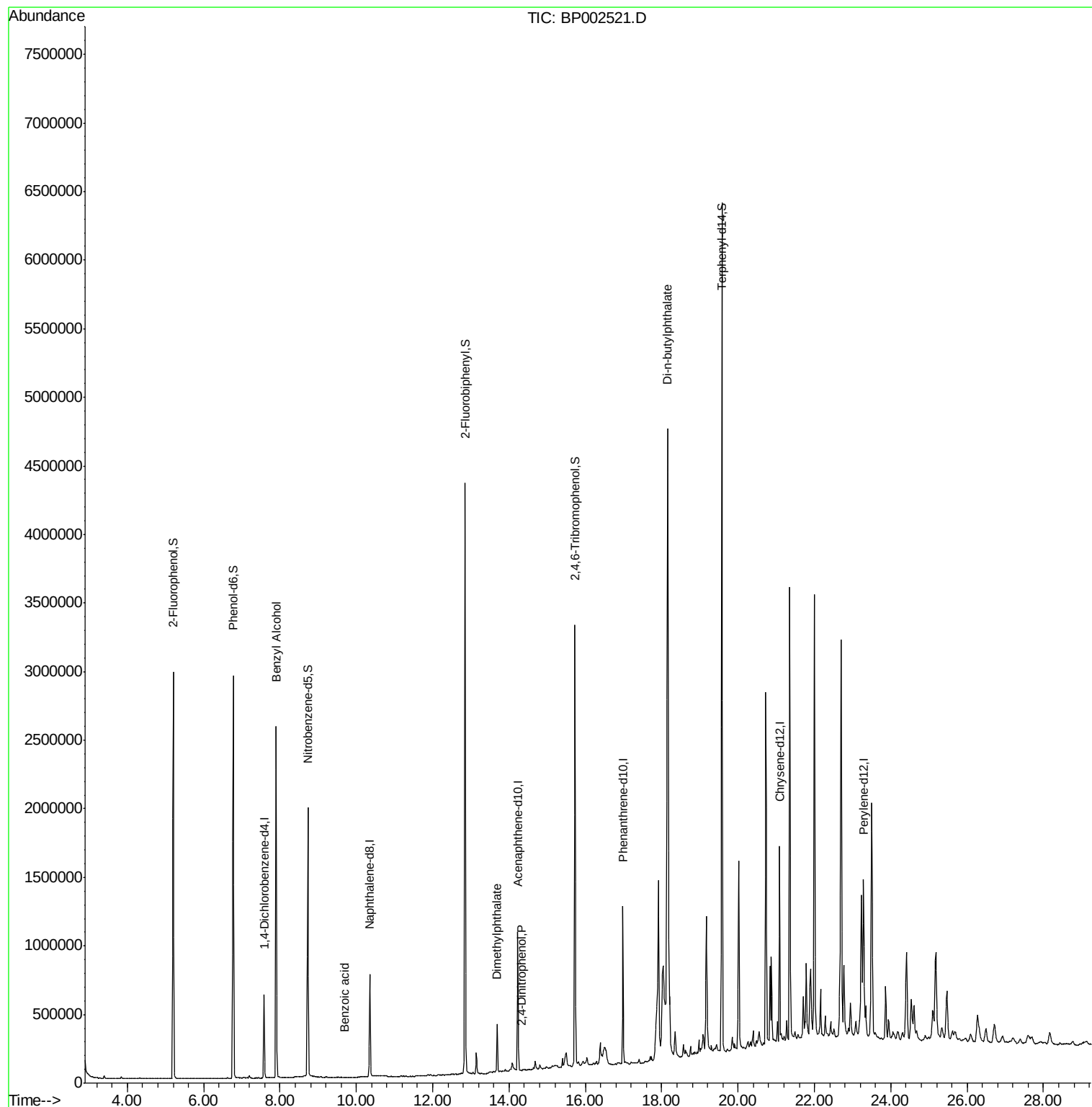
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	160099	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	594940	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	335659	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	685070	20.00	ng	0.00
76) Chrysene-d12	21.09	240	666257	20.00	ng	0.00
86) Perylene-d12	23.29	264	734994	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1254465	144.99	ng	0.00
7) Phenol-d6	6.78	99	1641329	142.49	ng	0.00
23) Nitrobenzene-d5	8.73	82	1135517	113.98	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	586756	182.58	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2290506	114.74	ng	0.00
79) Terphenyl-d14	19.57	244	2993414	130.27	ng	0.00
Target Compounds						
9) Benzaldehyde	6.68	77	217	Below Cal	Qvalue	# 34
15) Benzyl Alcohol	7.90	79	20423	2.287 ng	#	50
32) Benzoic acid	9.70	122	125	4.617 ng	#	62
50) Dimethylphthalate	13.69	163	224772	9.773 ng	#	99
54) 2,4-Dinitrophenol	14.33	184	115	2.824 ng	#	1
61) 4-Chlorophenyl-phenylether	15.29	204	75	Below Cal	#	1
74) Di-n-butylphthalate	18.16	149	3107354	83.844 ng	#	93

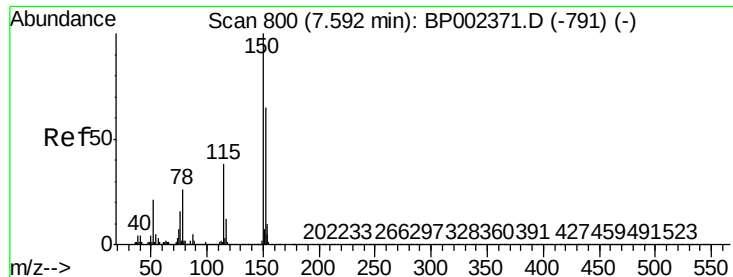
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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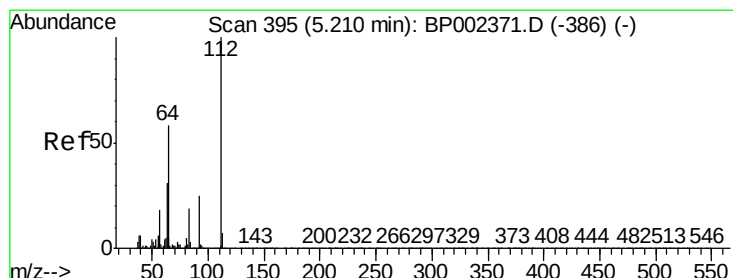
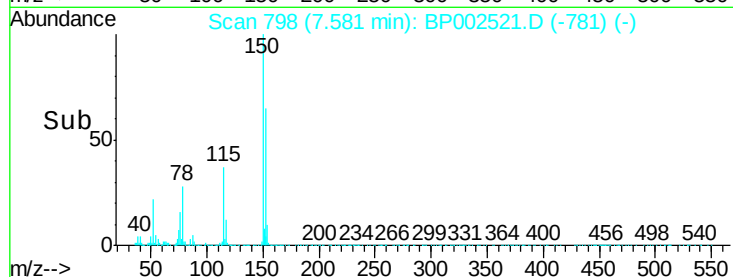
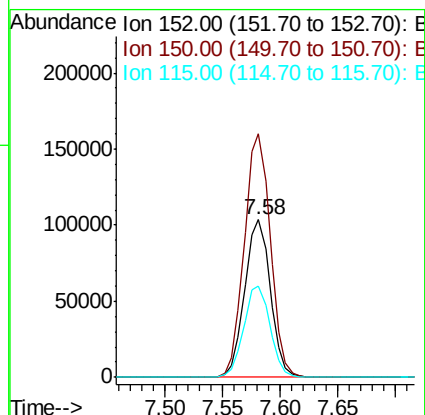
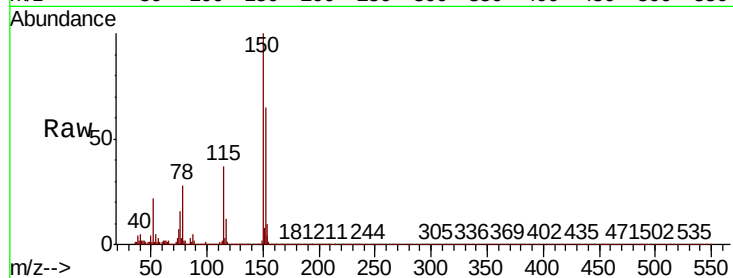


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 798
Delta R.T. 0.00 min
Lab File: BP002521.D
Acq: 24 Jun 2020 14:11

Instrument :
BNA_P
ClientSampleId :
359-RO

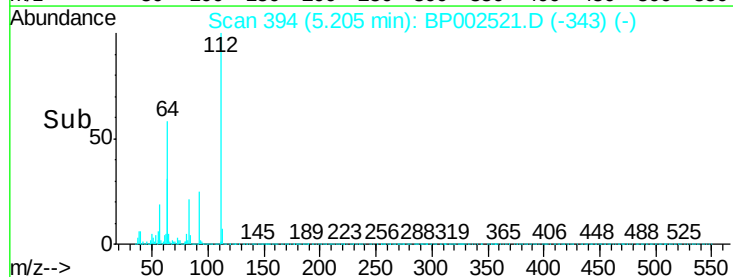
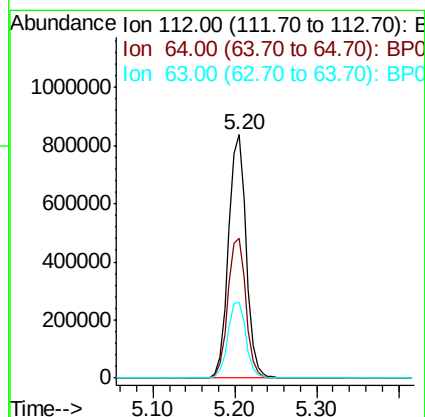
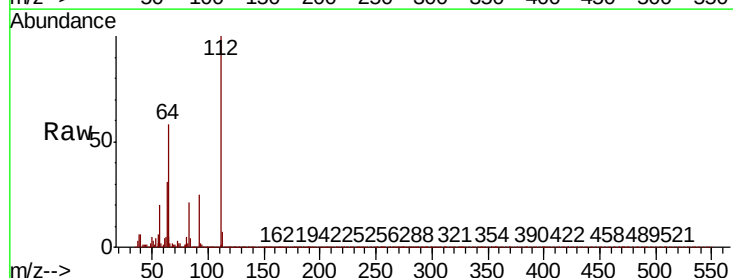
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.4	186.6
115	57.5	47.8	71.6

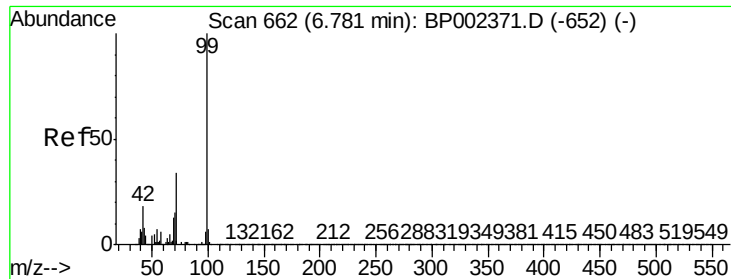


#5

2-Fluorophenol
Concen: 144.990 ng
RT: 5.20 min Scan# 394
Delta R.T. 0.00 min
Lab File: BP002521.D
Acq: 24 Jun 2020 14:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	46.4	69.6
63	31.1	25.0	37.6





#7

Phenol-d6

Concen: 142.485 ng

RT: 6.78 min Scan# 661

Delta R.T. 0.00 min

Lab File: BP002521.D

Acq: 24 Jun 2020 14:11

Instrument :

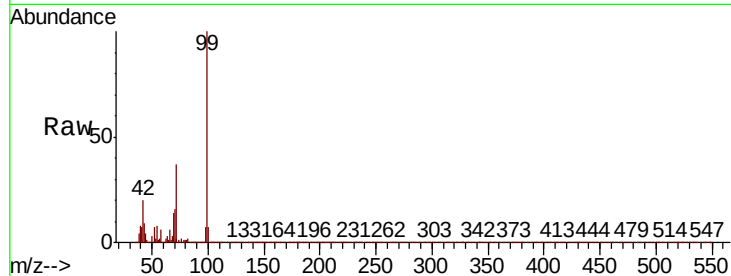
BNA_P

ClientSampleId :

359-RO

Tot Ion: 99 Resp: 1641329

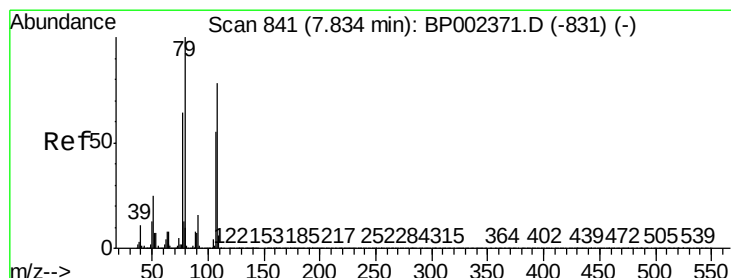
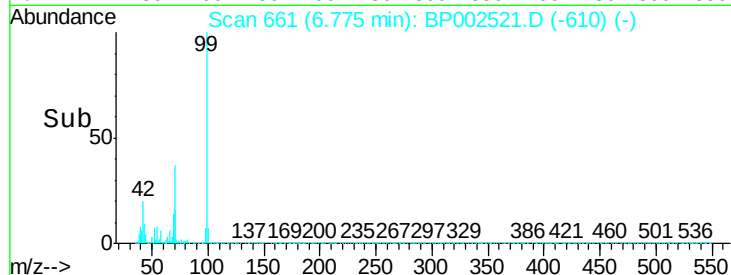
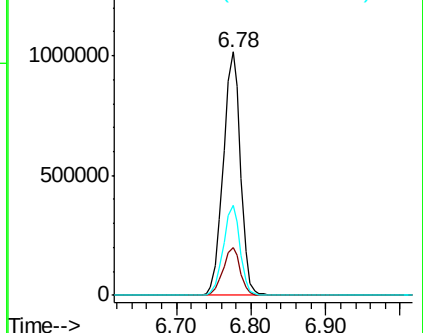
Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.3	22.9
71	36.8	28.2	42.2



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: 2.287 ng

RT: 7.90 min Scan# 852

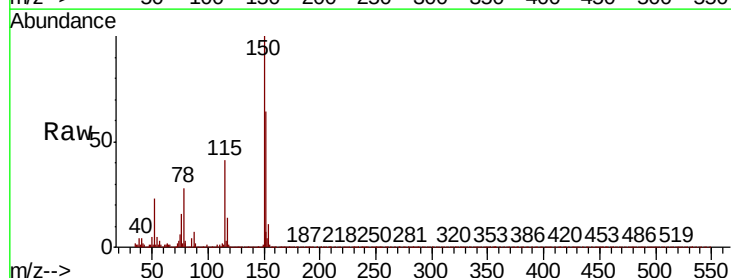
Delta R.T. 0.08 min

Lab File: BP002521.D

Acq: 24 Jun 2020 14:11

Tgt Ion: 79 Resp: 20423

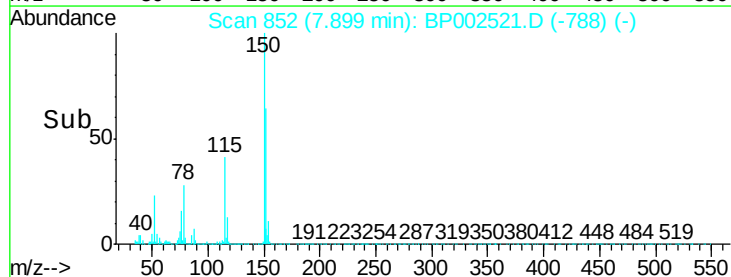
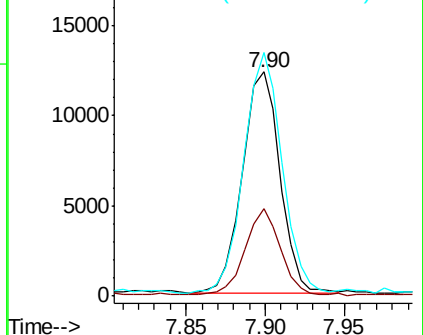
Ion	Ratio	Lower	Upper
79	100		
108	39.3	60.2	90.4#
77	108.7	50.6	76.0#

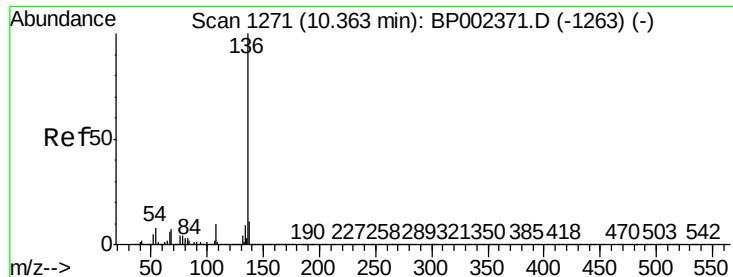


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

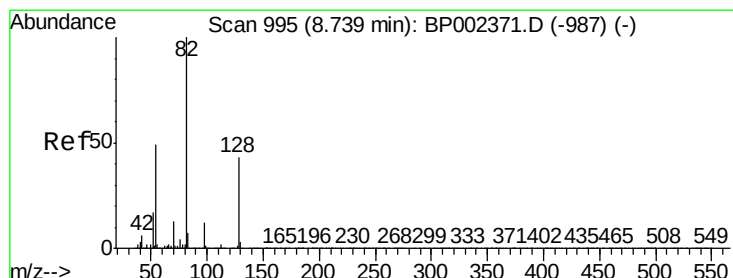
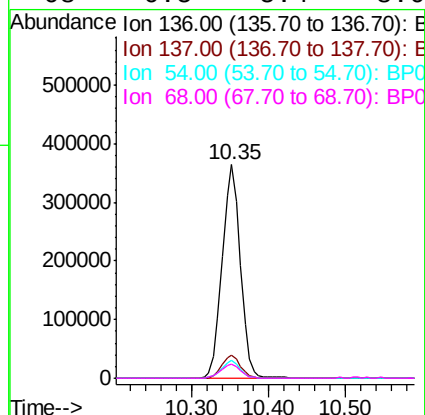
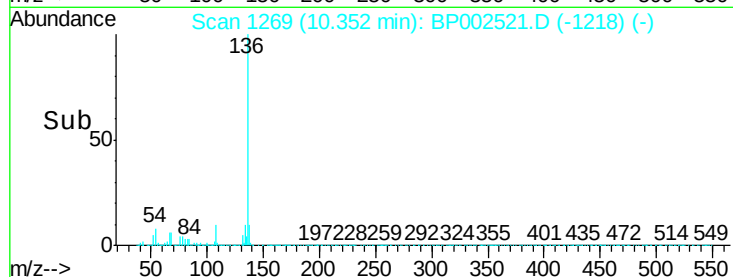
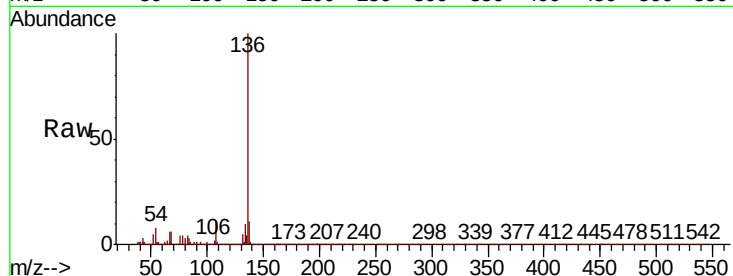




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BP002521.D
Acq: 24 Jun 2020 14:11

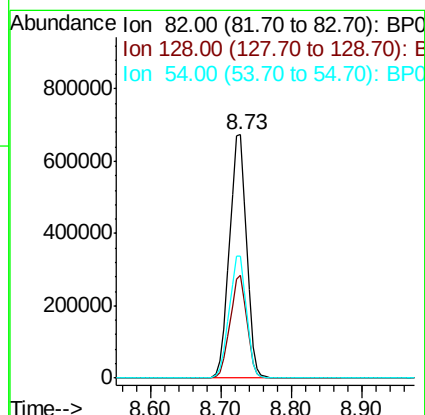
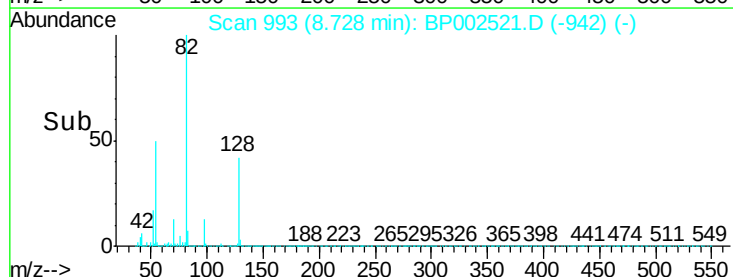
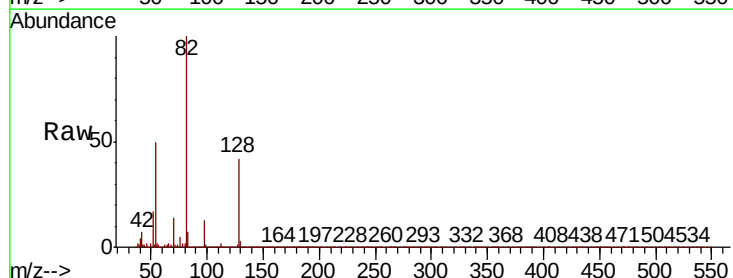
Instrument :
BNA_P
ClientSampleId :
359-RO

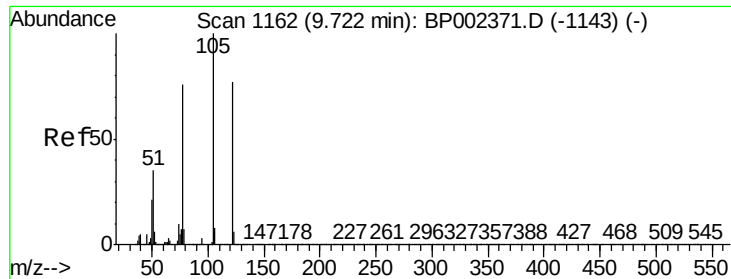
Tot Ion:136	Resp:	594940	
Ion Ratio	Lower	Upper	
136 100			
137 10.5	8.9	13.3	
54 8.3	6.6	10.0	
68 6.5	5.4	8.0	



#23
Nitrobenzene-d5
Concen: 113.981 ng
RT: 8.73 min Scan# 993
Delta R.T. 0.00 min
Lab File: BP002521.D
Acq: 24 Jun 2020 14:11

Tgt Ion: 82	Resp: 1135517
Ion Ratio	Lower Upper
82 100	
128 42.3	32.8 49.2
54 50.2	39.9 59.9

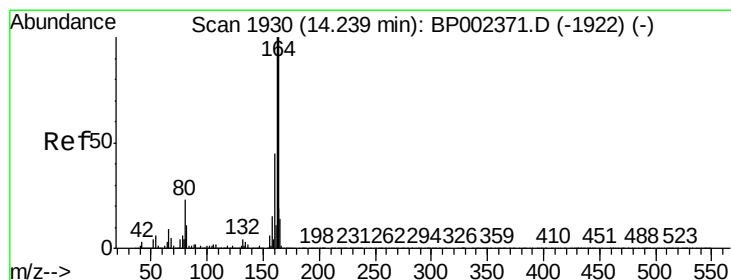
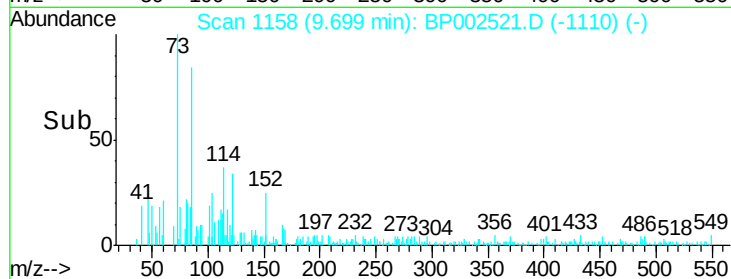
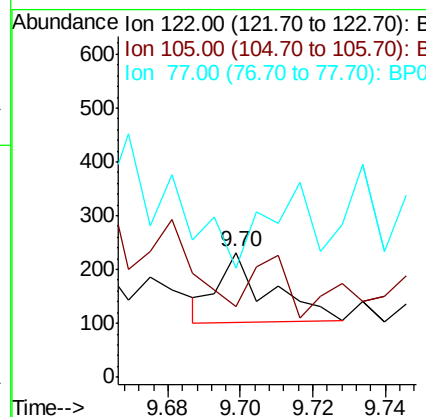
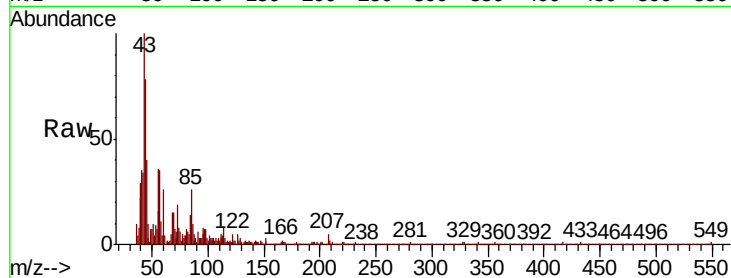




#32
Benzoic acid
Concen: 4.617 ng
RT: 9.70 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BP002521.D
Acq: 24 Jun 2020 14:11

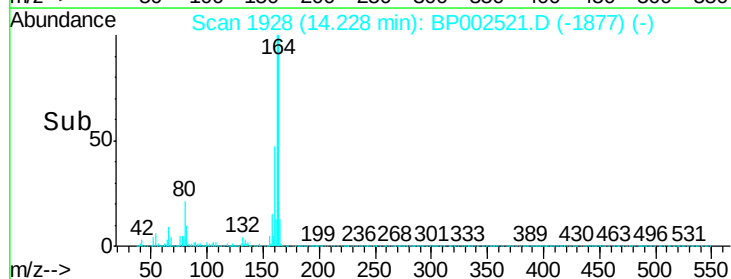
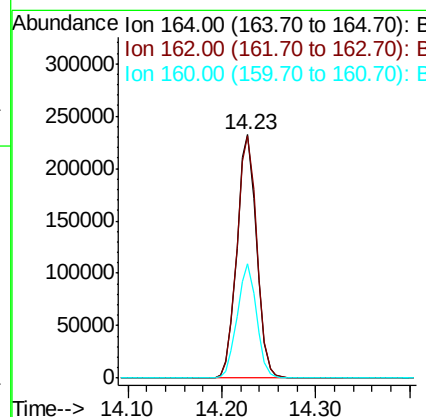
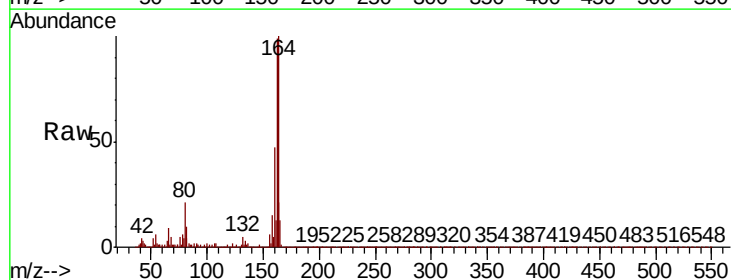
Instrument :
BNA_P
ClientSampleId :
359-RO

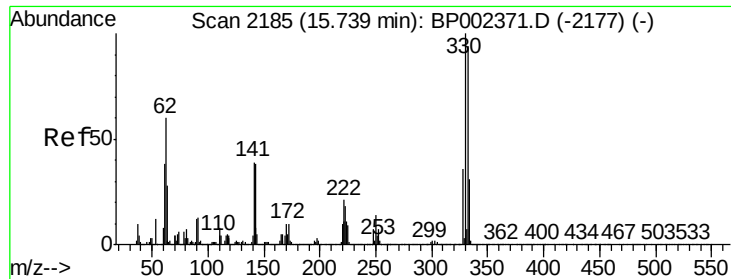
Tot Ion	Ratio	Lower	Upper
122	100		
105	56.5	105.0	145.0#
77	87.5	76.9	116.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BP002521.D
Acq: 24 Jun 2020 14:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.6	121.0
160	47.1	35.4	53.2

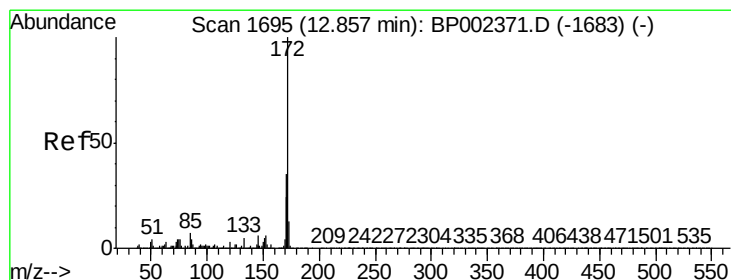
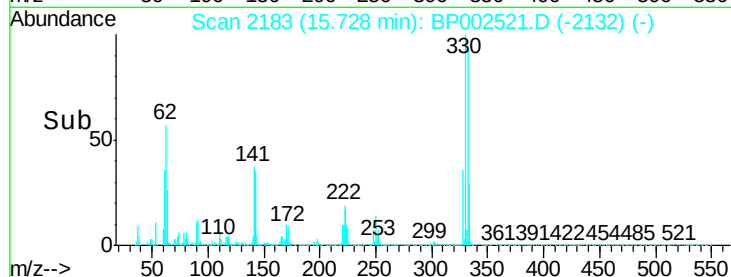
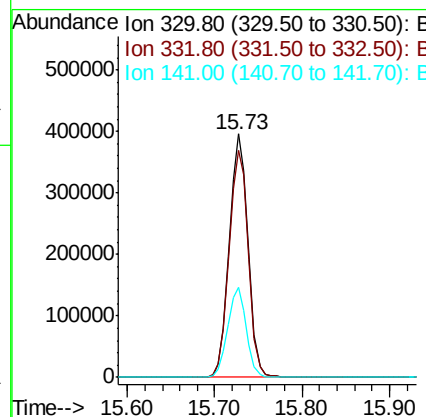
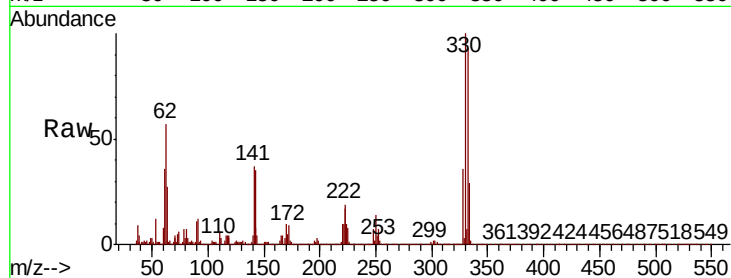




#42
2,4,6-Tribromophenol
Concen: 182.580 ng
RT: 15.73 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BP002521.D
Acq: 24 Jun 2020 14:11

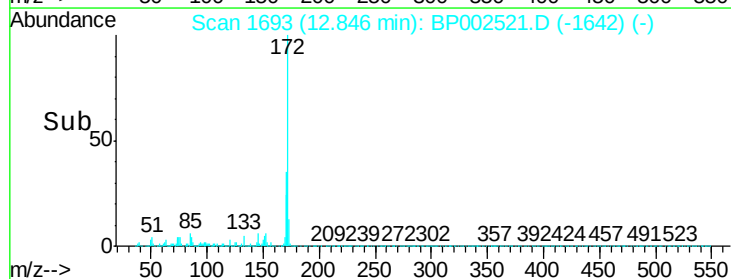
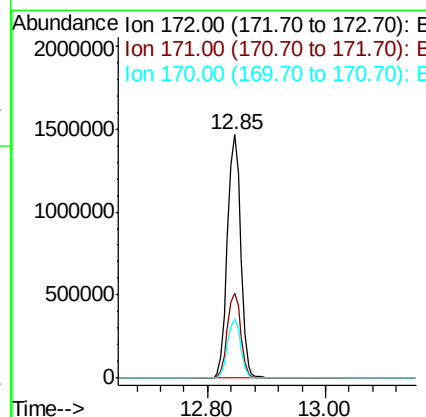
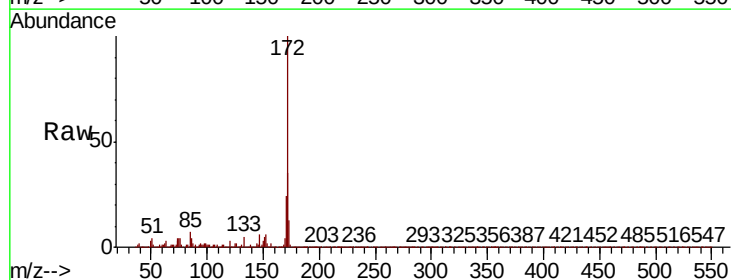
Instrument :
BNA_P
ClientSampleId :
359-RO

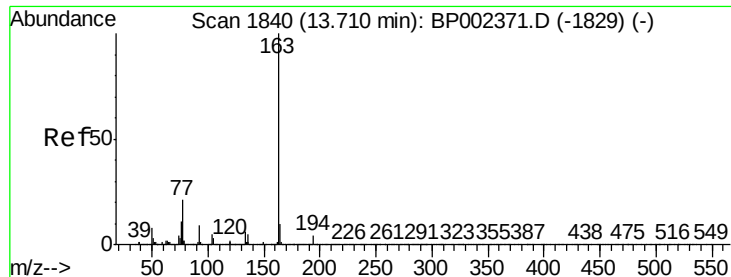
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.2	115.8
141	36.3	30.4	45.6



#45
2-Fluorobiphenyl
Concen: 114.738 ng
RT: 12.85 min Scan# 1693
Delta R.T. 0.00 min
Lab File: BP002521.D
Acq: 24 Jun 2020 14:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.9	41.9
170	24.2	19.0	28.6





#50

Dimethylphthalate

Concen: 9.773 ng

RT: 13.69 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BP002521.D

Acq: 24 Jun 2020 14:11

Instrument :

BNA_P

ClientSampleId :

359-RO

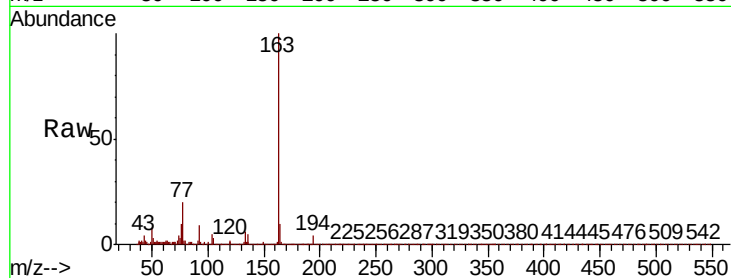
Tot Ion:163 Resp: 224772

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

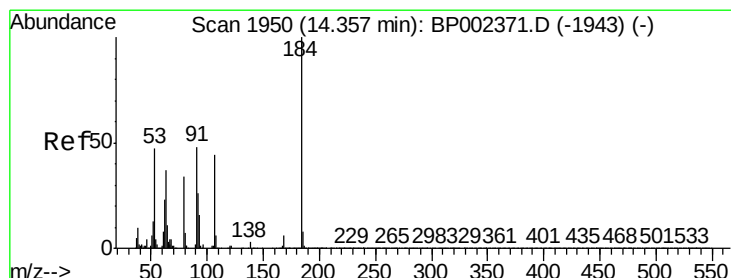
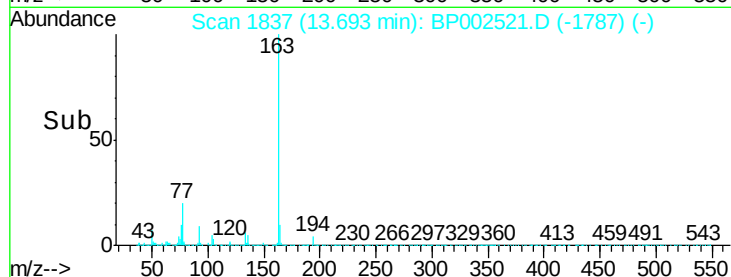
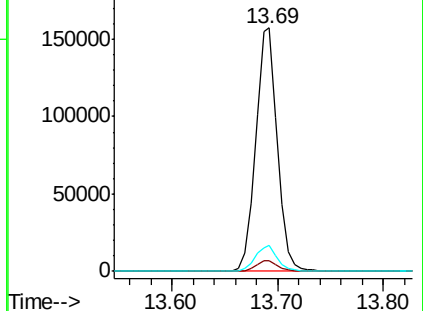
164 10.5 8.2 12.2



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



#54

2,4-Dinitrophenol

Concen: 2.824 ng

RT: 14.33 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BP002521.D

Acq: 24 Jun 2020 14:11

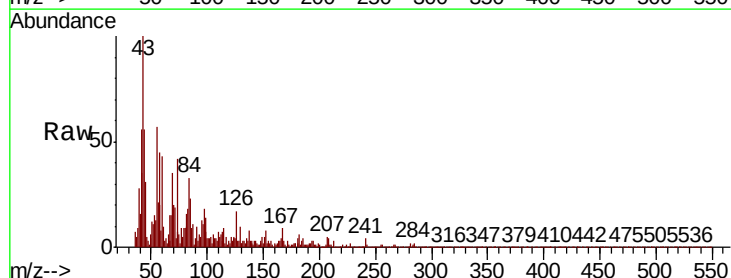
Tgt Ion:184 Resp: 115

Ion Ratio Lower Upper

184 100

63 164.4 51.3 76.9#

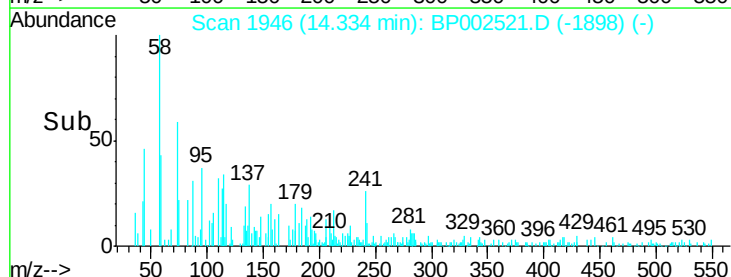
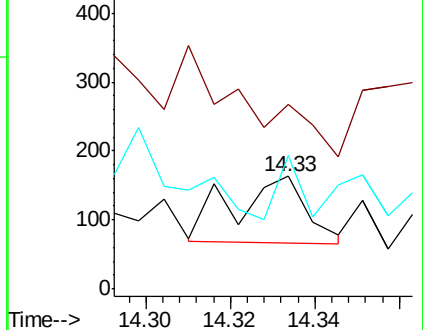
154 118.4 50.2 75.2#

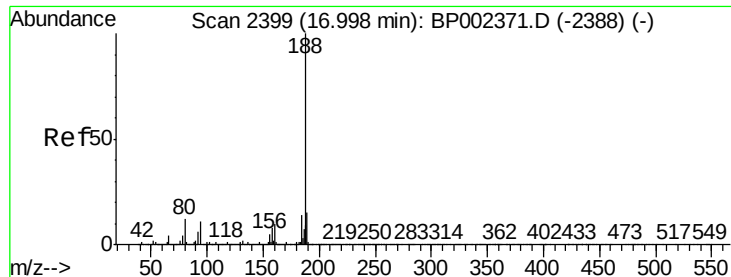


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.98 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BP002521.D

Acq: 24 Jun 2020 14:11

Instrument :

BNA_P

ClientSampleId :

359-RO

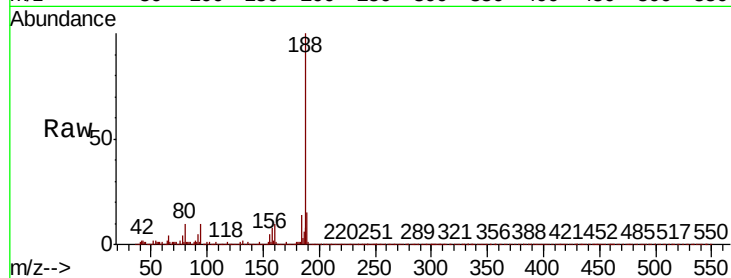
Tot Ion:188 Resp: 685070

Ion Ratio Lower Upper

188 100

94 10.0 7.6 11.4

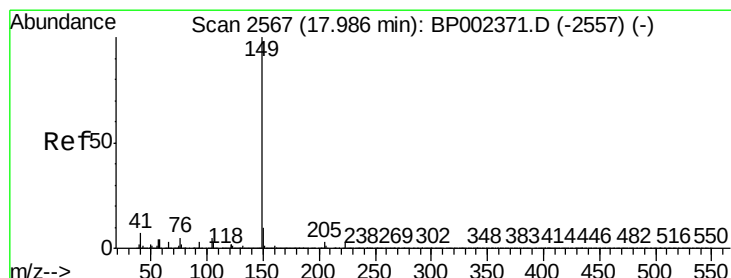
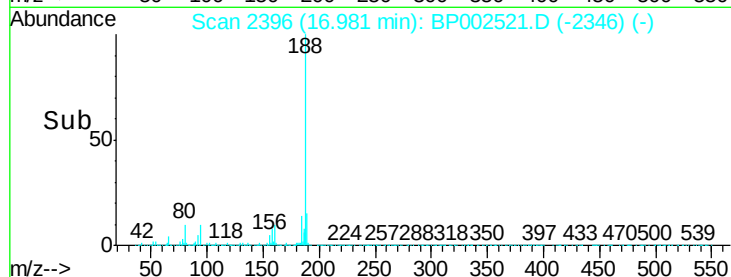
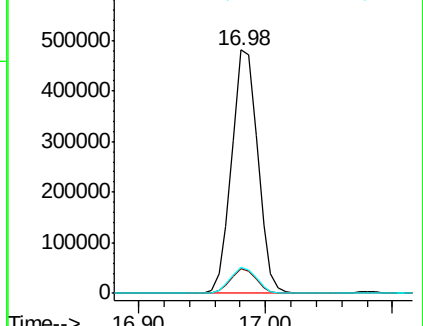
80 10.4 8.3 12.5



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



#74

Di-n-butylphthalate

Concen: 83.844 ng

RT: 18.16 min Scan# 2596

Delta R.T. 0.18 min

Lab File: BP002521.D

Acq: 24 Jun 2020 14:11

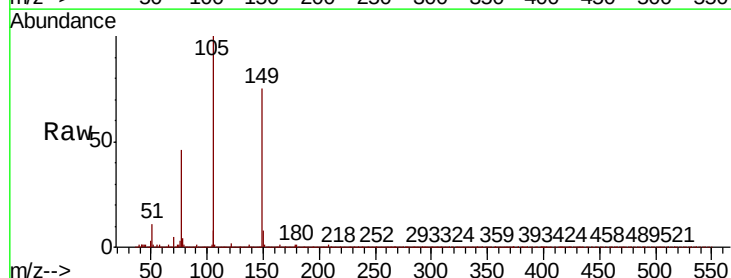
Tgt Ion:149 Resp: 3107354

Ion Ratio Lower Upper

149 100

150 10.4 7.4 11.2

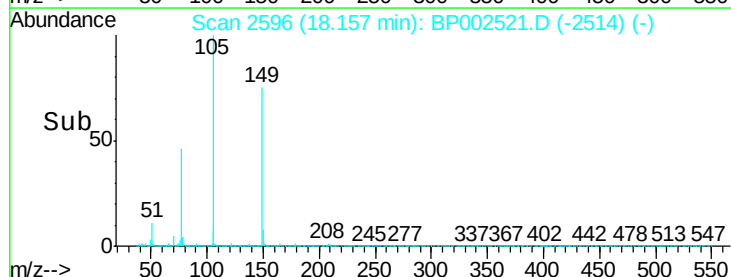
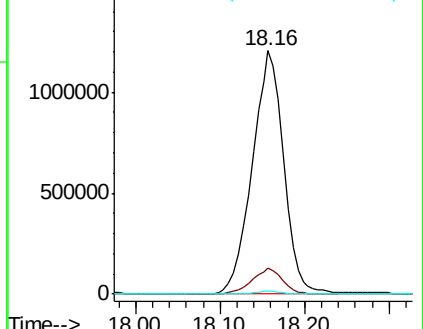
104 1.1 4.3 6.5#

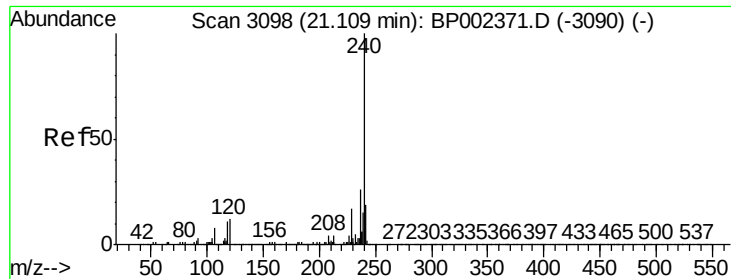


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

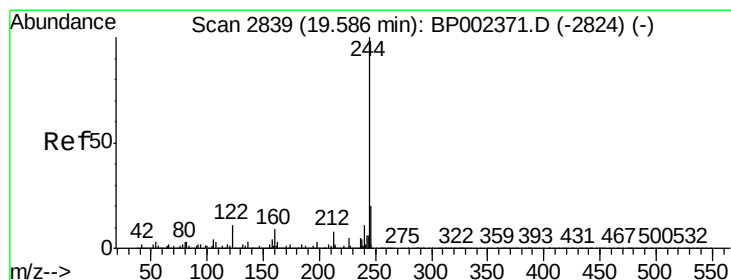
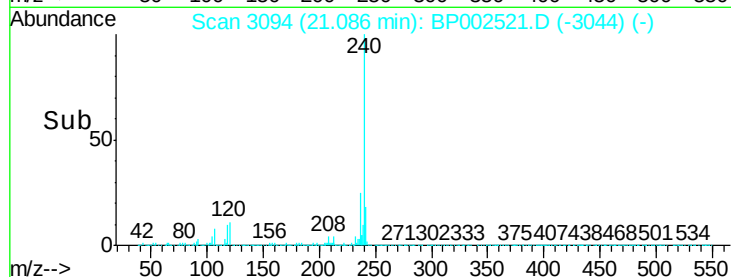
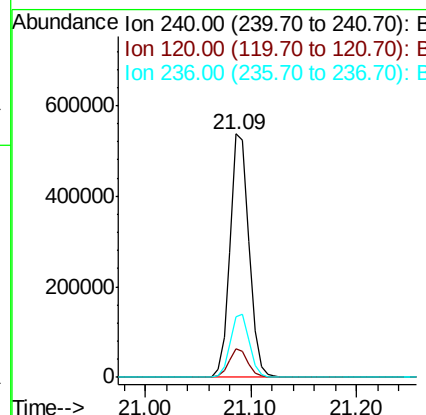
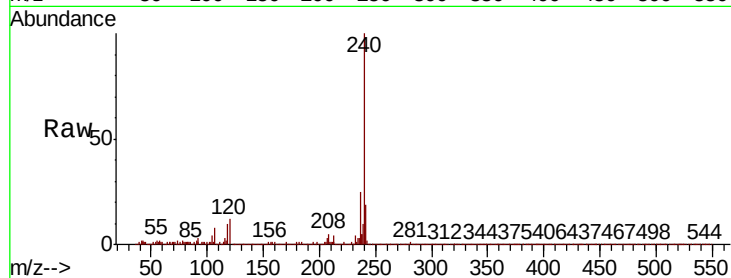




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.09 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BP002521.D
 Acq: 24 Jun 2020 14:11

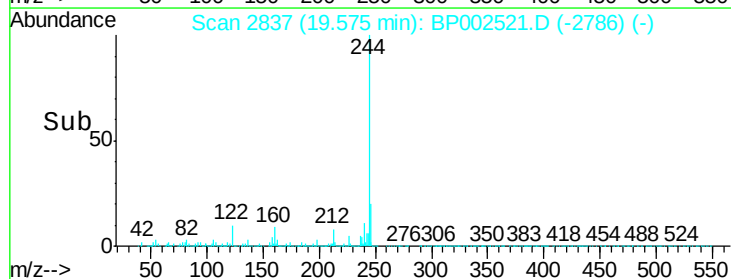
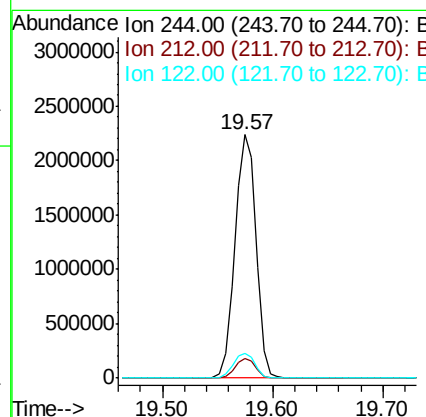
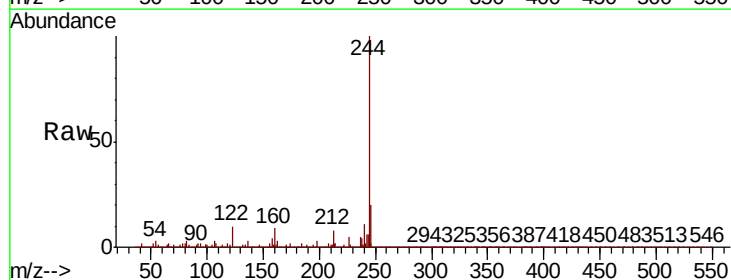
Instrument :
 BNA_P
 ClientSampleId :
 359-RO

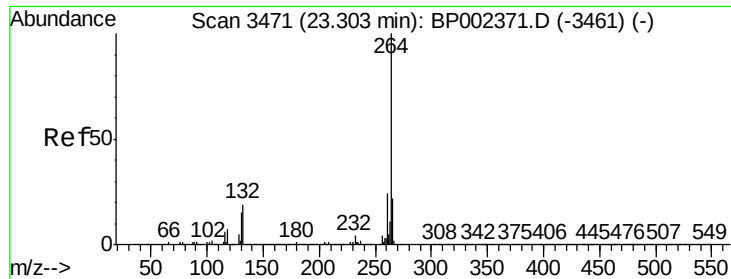
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.9	13.3
236	25.1	21.7	32.5



#79
 Terphenyl-d14
 Concen: 130.267 ng
 RT: 19.57 min Scan# 2837
 Delta R.T. 0.00 min
 Lab File: BP002521.D
 Acq: 24 Jun 2020 14:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	10.3	8.0	12.0





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. 0.00 min
Lab File: BP002521.D
Acq: 24 Jun 2020 14:11

Instrument :
BNA_P
ClientSampleId :
359-RO

Tot Ion: 264 Resp: 734994

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.7	29.5
265	20.7	17.6	26.4

