

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061820\
 Data File : BP002456.D
 Acq On : 18 Jun 2020 23:30
 Operator : CG/JU
 Sample : L3024-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-1

Quant Time: Jun 19 02:28:54 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

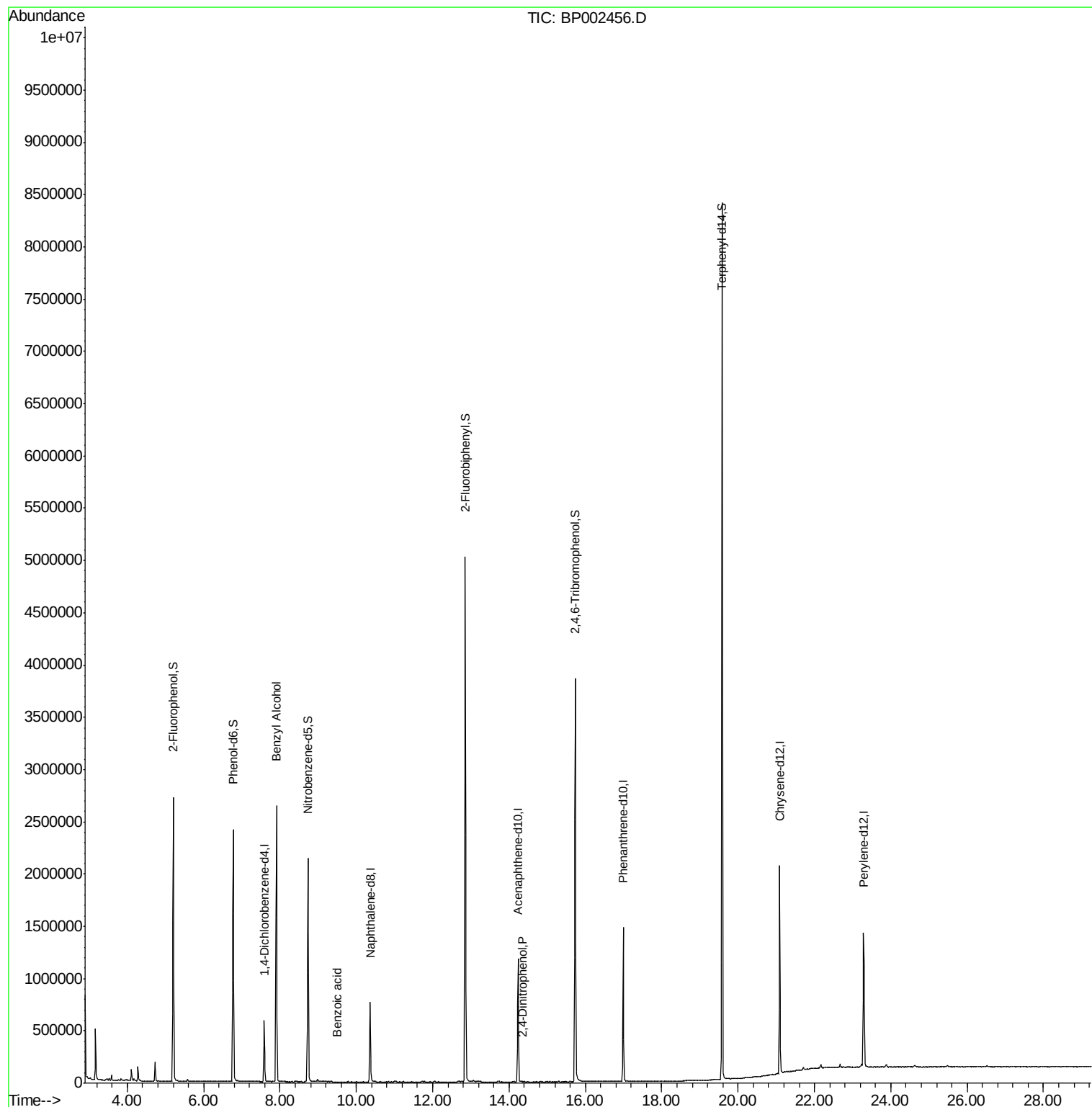
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	150768	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	623616	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	398066	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	882907	20.00	ng	-0.01
76) Chrysene-d12	21.09	240	873500	20.00	ng	-0.02
86) Perylene-d12	23.29	264	886621	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1152602	141.46	ng	0.00
7) Phenol-d6	6.78	99	1400807	129.13	ng	0.00
23) Nitrobenzene-d5	8.73	82	1271260	121.74	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	709121	186.06	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2689202	113.59	ng	0.00
79) Terphenyl-d14	19.58	244	4107276	138.25	ng	0.00
Target Compounds						
9) Benzaldehyde	6.77	77	2472	Below Cal	#	7
15) Benzyl Alcohol	7.90	79	21146	2.515 ng	#	45
32) Benzoic acid	9.50	122	94	4.612 ng	#	98
54) 2,4-Dinitrophenol	14.35	184	9	2.788 ng	#	1
61) 4-Chlorophenyl-phenylether	15.29	204	47	Below Cal	#	86

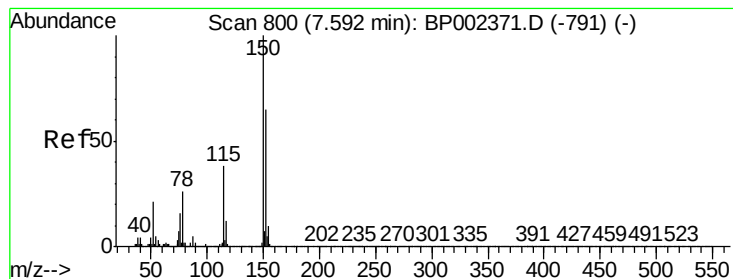
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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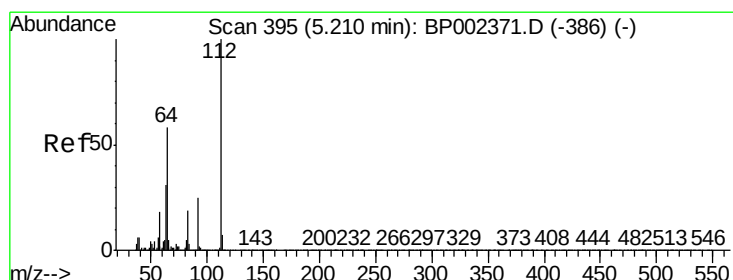
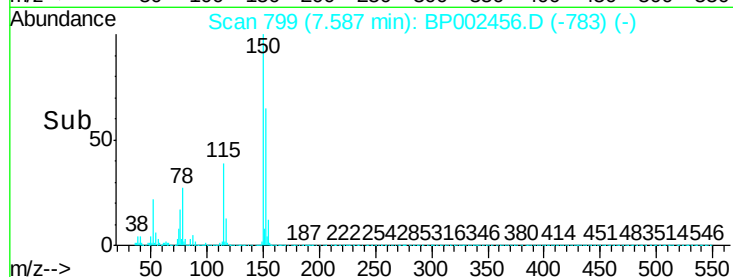
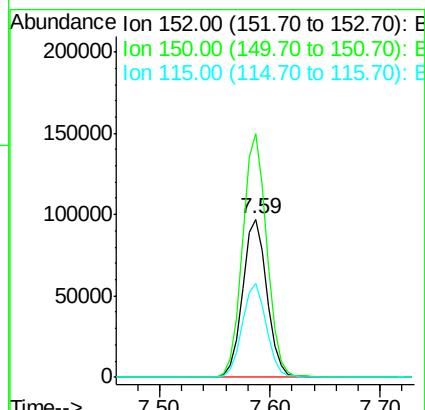
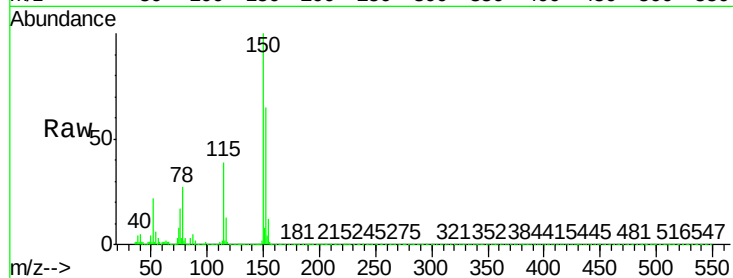


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002456.D
Acq: 18 Jun 2020 23:30

Instrument :
BNA_P
ClientSampleId :
RO-1

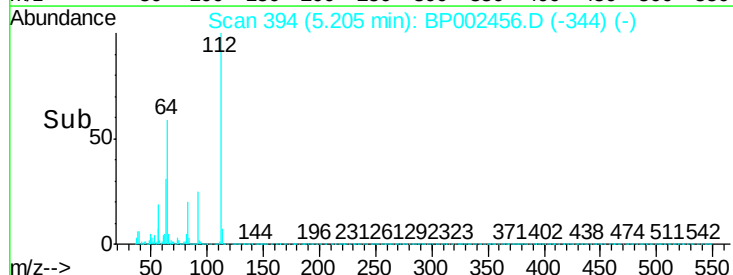
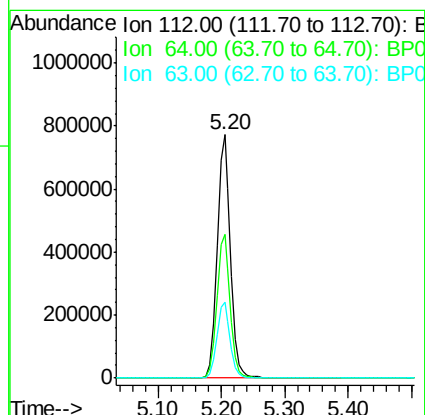
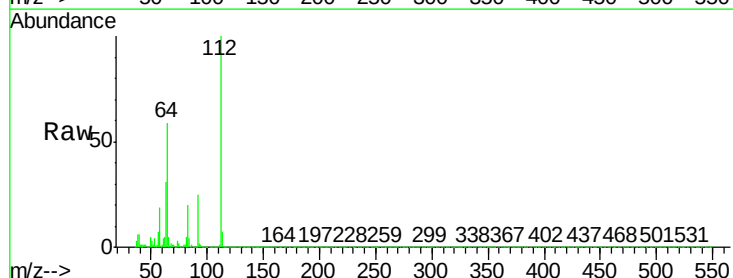
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.0	186.0
115	59.5	47.4	71.0

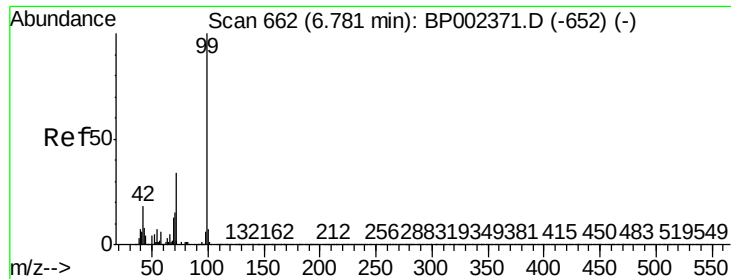


#5

2-Fluorophenol
Concen: 141.462 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.01 min
Lab File: BP002456.D
Acq: 18 Jun 2020 23:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	46.2	69.2
63	31.1	24.5	36.7





#7

Phenol-d6

Concen: 129.132 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002456.D

Acq: 18 Jun 2020 23:30

Instrument :

BNA_P

ClientSampleId :

RO-1

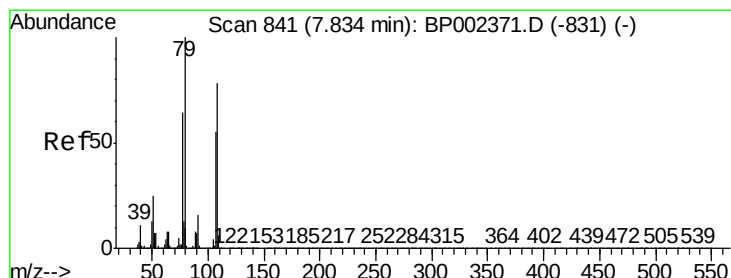
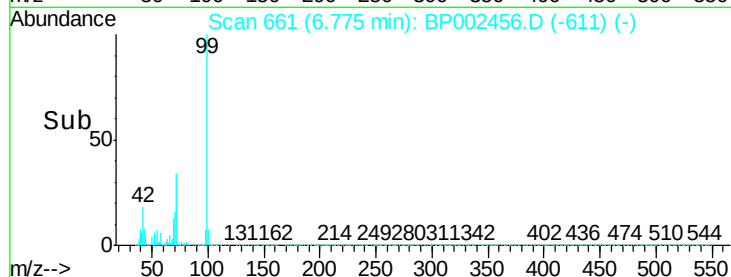
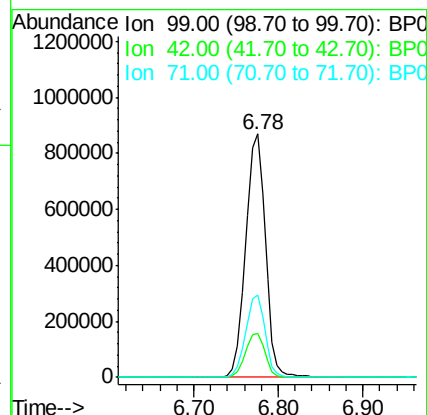
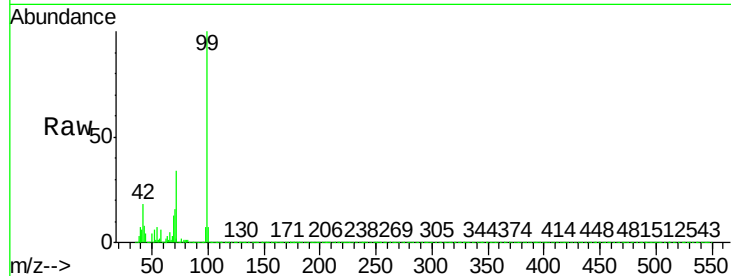
Tot Ion: 99 Resp: 1400807

Ion Ratio Lower Upper

99 100

42 18.1 14.6 22.0

71 34.0 27.2 40.8



#15

Benzyl Alcohol

Concen: 2.515 ng

RT: 7.90 min Scan# 853

Delta R.T. 0.07 min

Lab File: BP002456.D

Acq: 18 Jun 2020 23:30

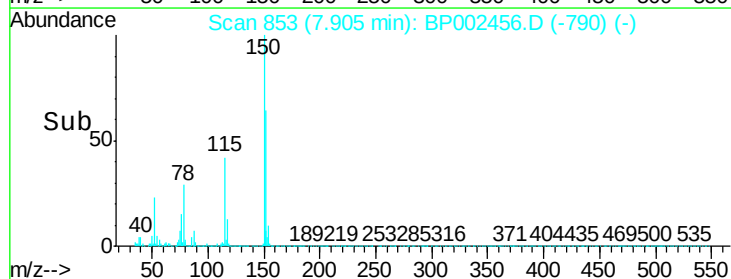
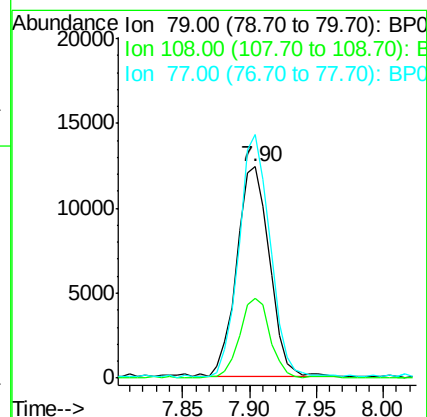
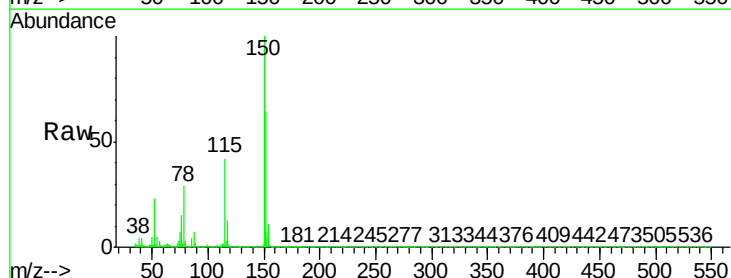
Tgt Ion: 79 Resp: 21146

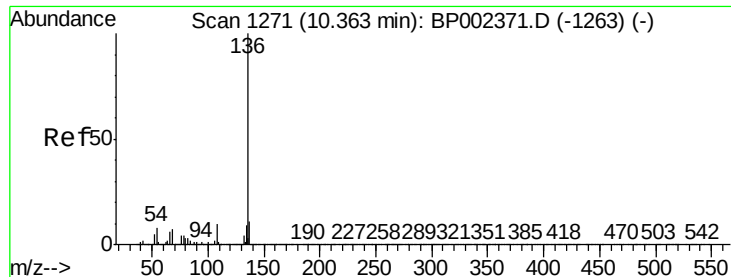
Ion Ratio Lower Upper

79 100

108 37.6 62.6 94.0#

77 115.3 51.5 77.3#

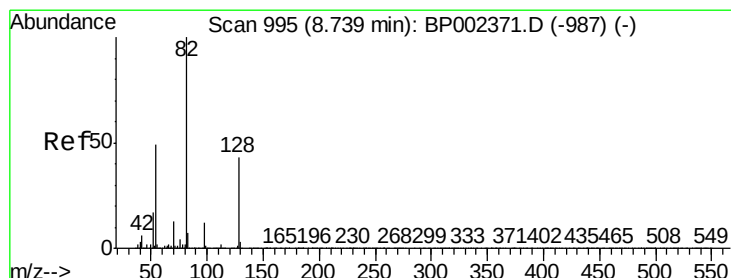
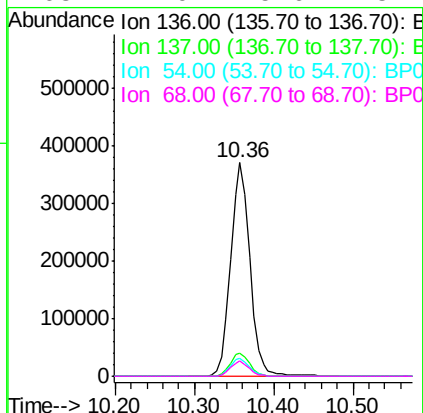
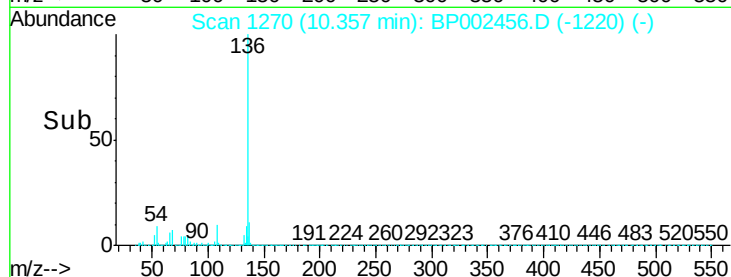
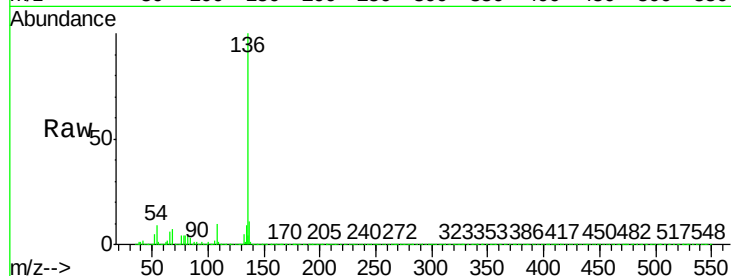




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BP002456.D
Acq: 18 Jun 2020 23:30

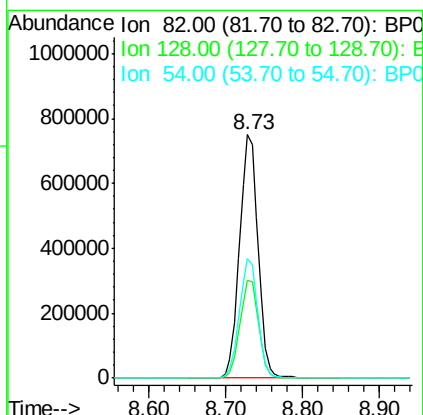
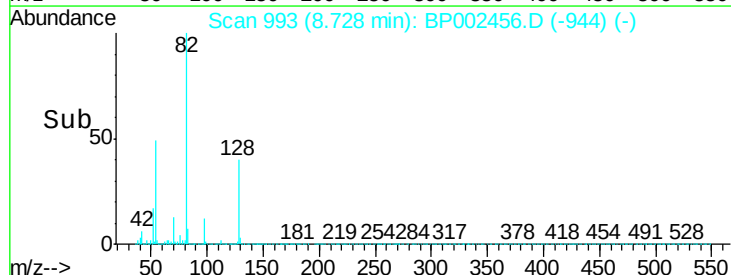
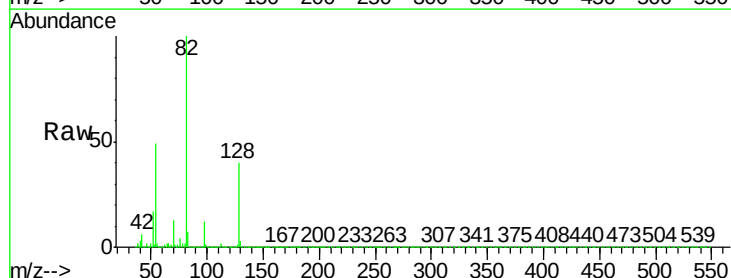
Instrument :
BNA_P
ClientSampleID :
RO-1

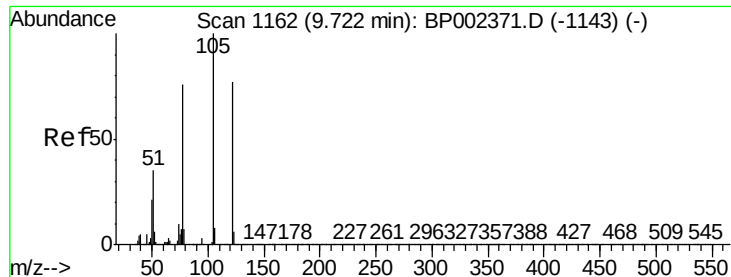
Tot Ion:136	Resp:	623616
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.8 13.2
54	8.6	6.4 9.6
68	7.0	5.6 8.4



#23
Nitrobenzene-d5
Concen: 121.739 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP002456.D
Acq: 18 Jun 2020 23:30

Tgt Ion: 82	Resp:	1271260
Ion	Ratio	Lower Upper
82	100	
128	40.4	34.5 51.7
54	49.2	39.4 59.2

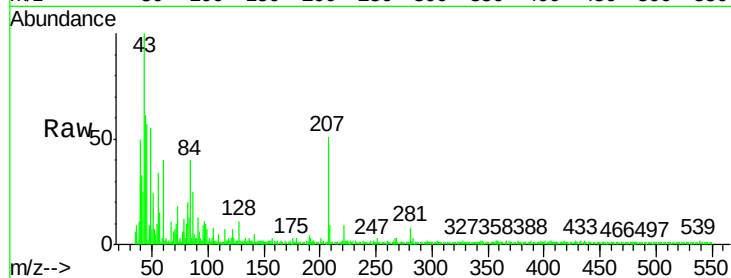




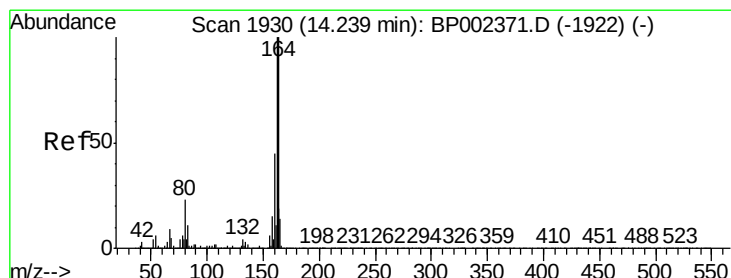
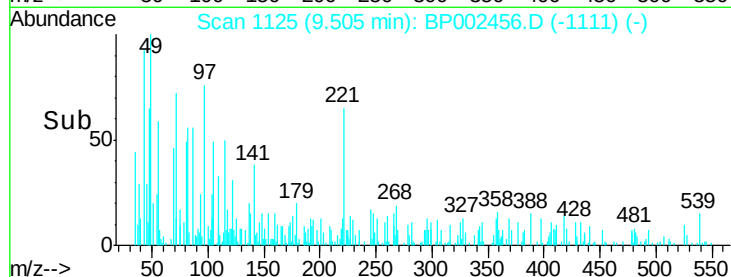
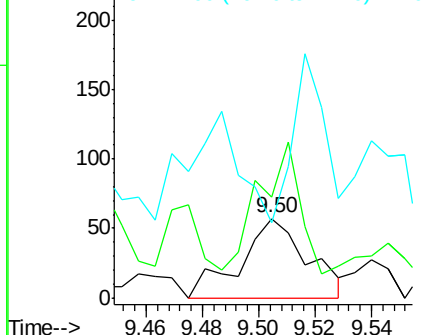
#32
Benzoic acid
Concen: 4.612 ng
RT: 9.50 min Scan# 1125
Delta R.T. -0.22 min
Lab File: BP002456.D
Acq: 18 Jun 2020 23:30

Instrument :
BNA_P
ClientSampled :
RO-1

Tot Ion	Ratio	Lower	Upper
122	100		
105	128.1	106.3	146.3
77	94.7	77.5	117.5

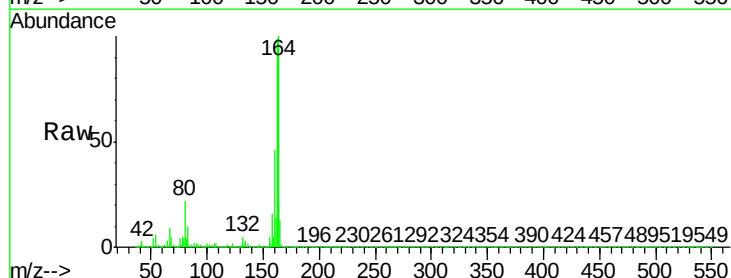


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BP0

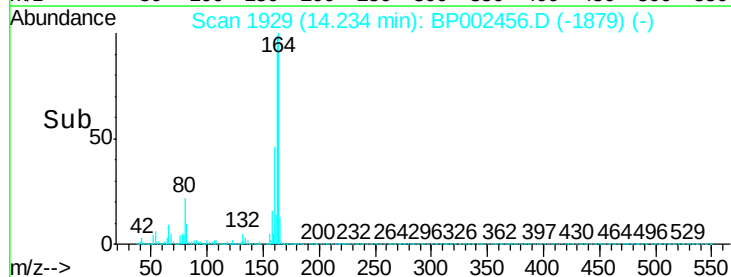
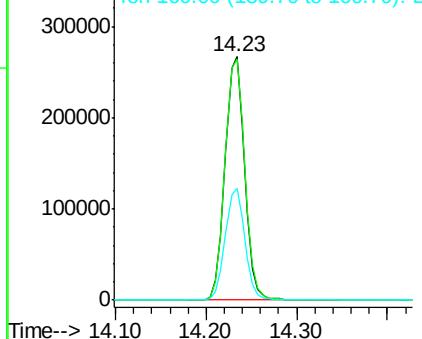


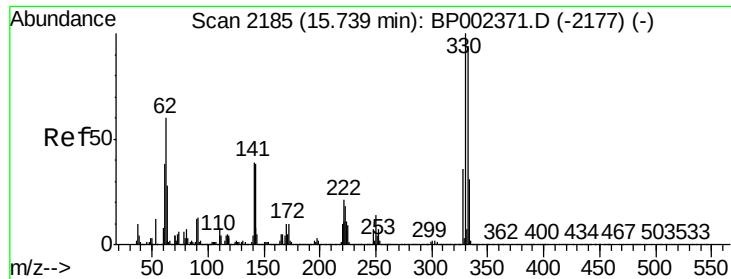
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BP002456.D
Acq: 18 Jun 2020 23:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.8	119.8
160	46.1	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

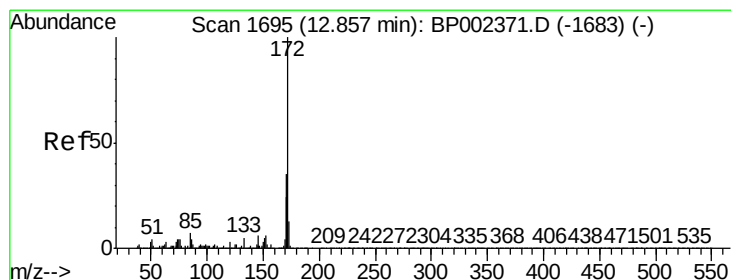
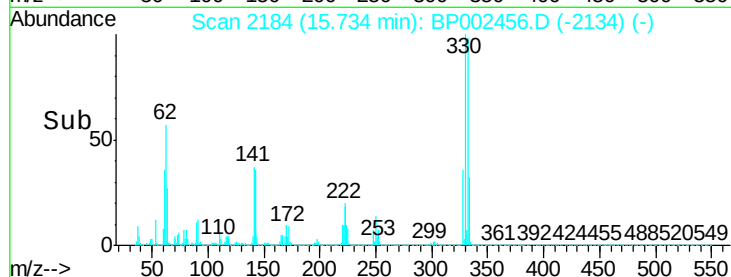
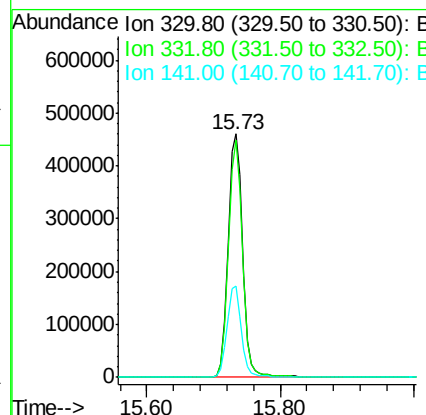
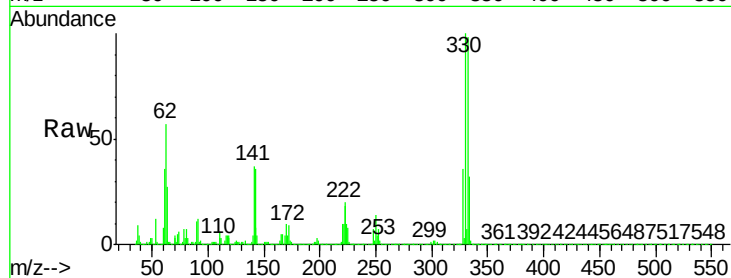




#42
2,4,6-Tribromophenol
Concen: 186.063 ng
RT: 15.73 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BP002456.D
Acq: 18 Jun 2020 23:30

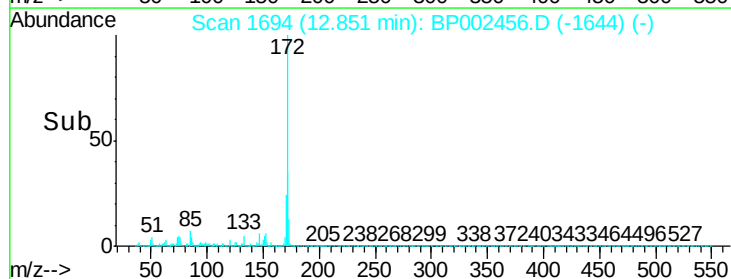
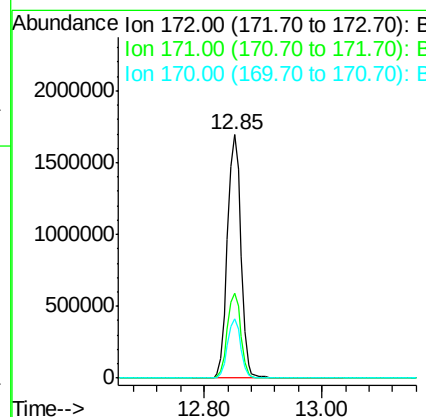
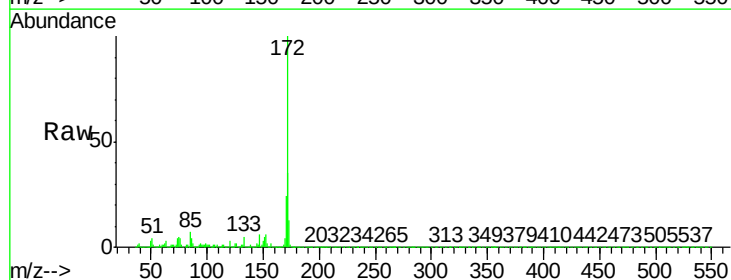
Instrument :
BNA_P
ClientSampleId :
RO-1

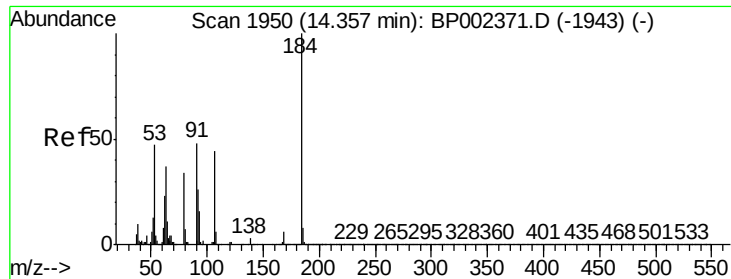
Tot Ion:330 Resp: 709121
Ion Ratio Lower Upper
330 100
332 94.8 76.6 115.0
141 37.1 30.3 45.5



#45
2-Fluorobiphenyl
Concen: 113.591 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002456.D
Acq: 18 Jun 2020 23:30

Tgt Ion:172 Resp: 2689202
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 24.2 19.0 28.6

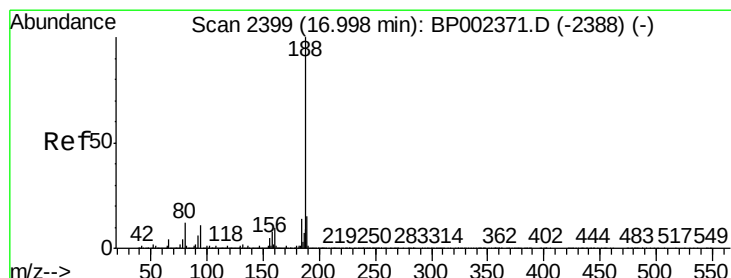
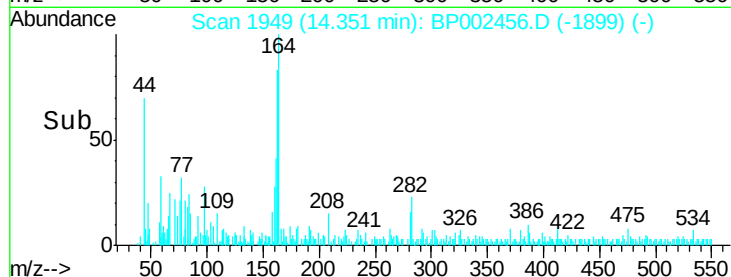
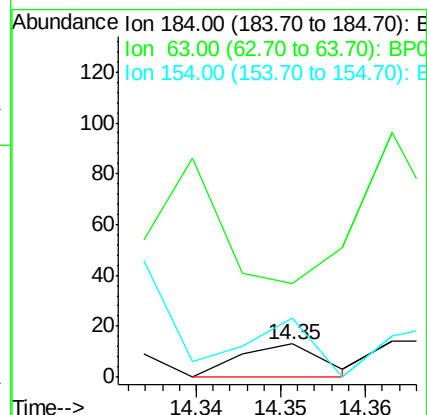
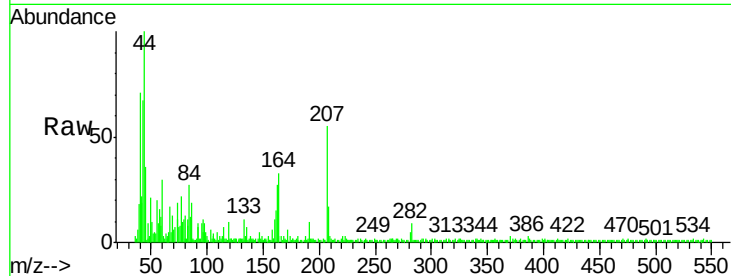




#54
2,4-Dinitrophenol
Concen: 2.788 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BP002456.D
Acq: 18 Jun 2020 23:30

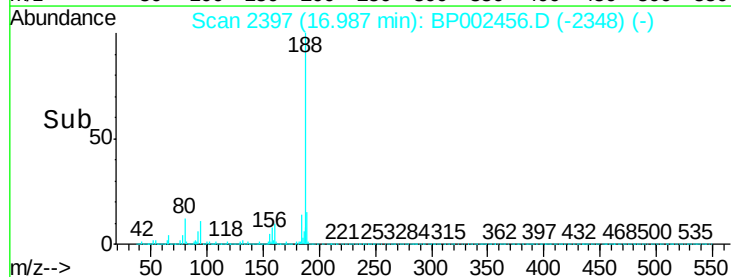
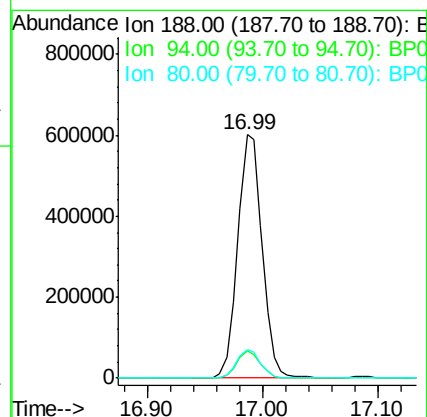
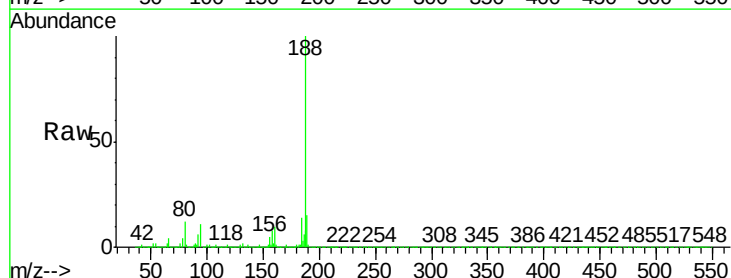
Instrument :
BNA_P
ClientSampled :
RO-1

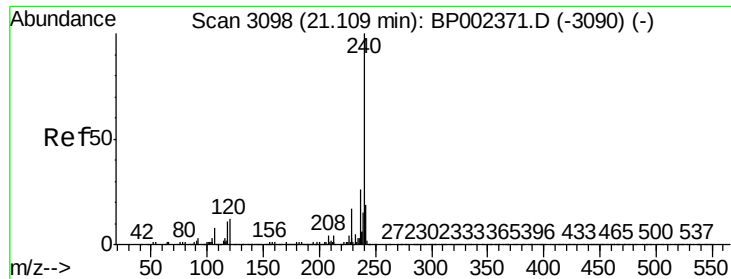
Tot Ion:184 Resp: 9
Ion Ratio Lower Upper
184 100
63 284.6 52.3 78.5#
154 176.9 48.6 72.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BP002456.D
Acq: 18 Jun 2020 23:30

Tgt Ion:188 Resp: 882907
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 12.0 9.4 14.0

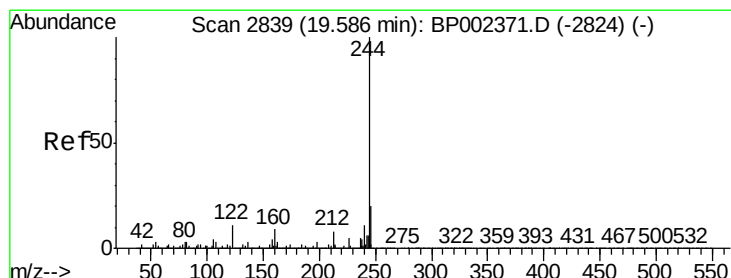
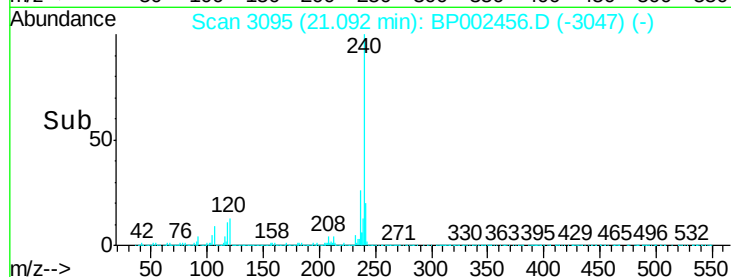
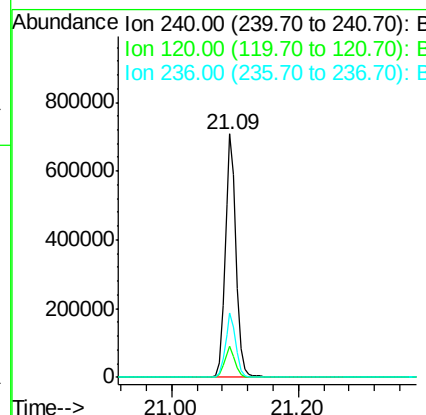
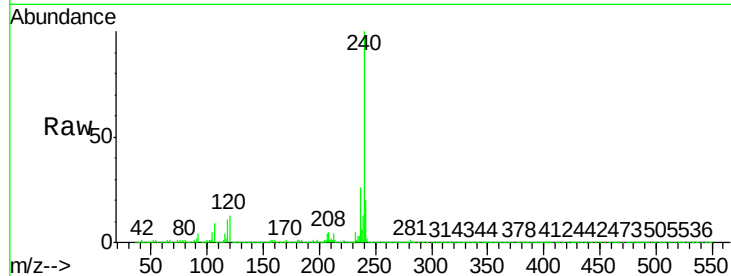




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BP002456.D
Acq: 18 Jun 2020 23:30

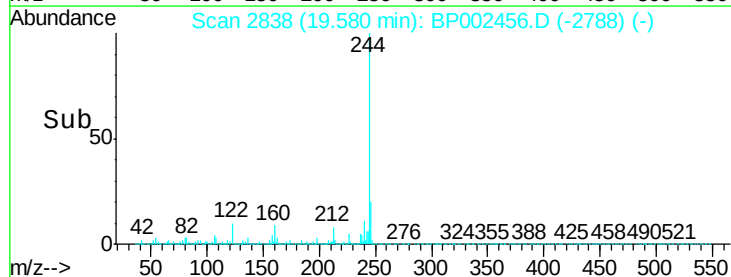
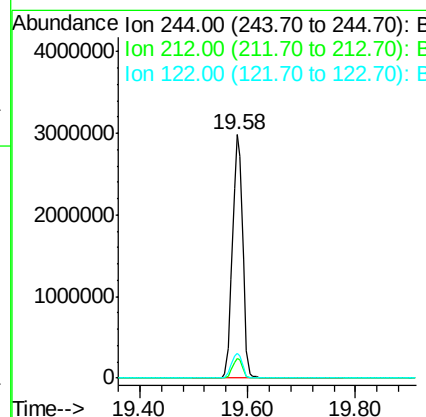
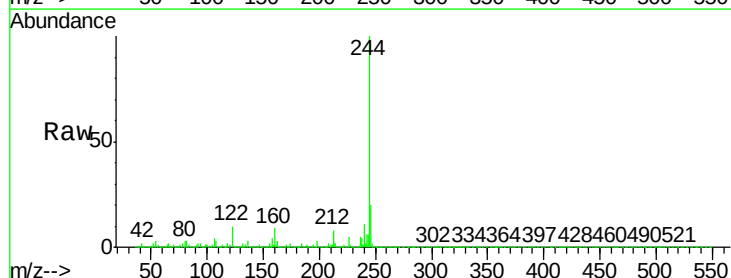
Instrument :
BNA_P
ClientSampleId :
RO-1

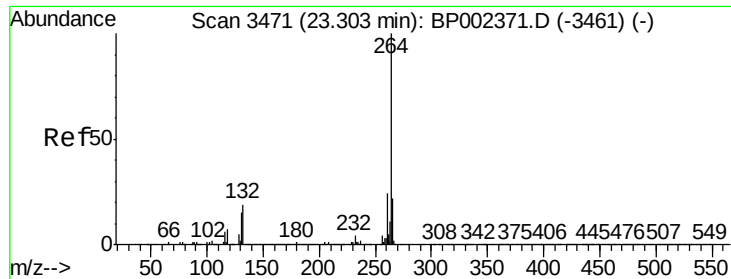
Tot Ion:240 Resp: 873500
Ion Ratio Lower Upper
240 100
120 12.7 9.3 13.9
236 26.4 21.0 31.6



#79
Terphenyl-d14
Concen: 138.252 ng
RT: 19.58 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BP002456.D
Acq: 18 Jun 2020 23:30

Tgt Ion:244 Resp: 4107276
Ion Ratio Lower Upper
244 100
212 8.2 6.6 10.0
122 10.2 8.8 13.2





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.29 min Scan# 3468
 Delta R.T. -0.02 min
 Lab File: BP002456.D
 Acq: 18 Jun 2020 23:30

Instrument :
 BNA_P
 ClientSampleId :
 RO-1

Tot Ion:	264	Resp:	886621
Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.4	29.0
265	20.7	17.4	26.2

