

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061820\
 Data File : BP002455.D
 Acq On : 18 Jun 2020 22:56
 Operator : CG/JU
 Sample : L3024-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-7

Quant Time: Jun 19 02:28:29 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

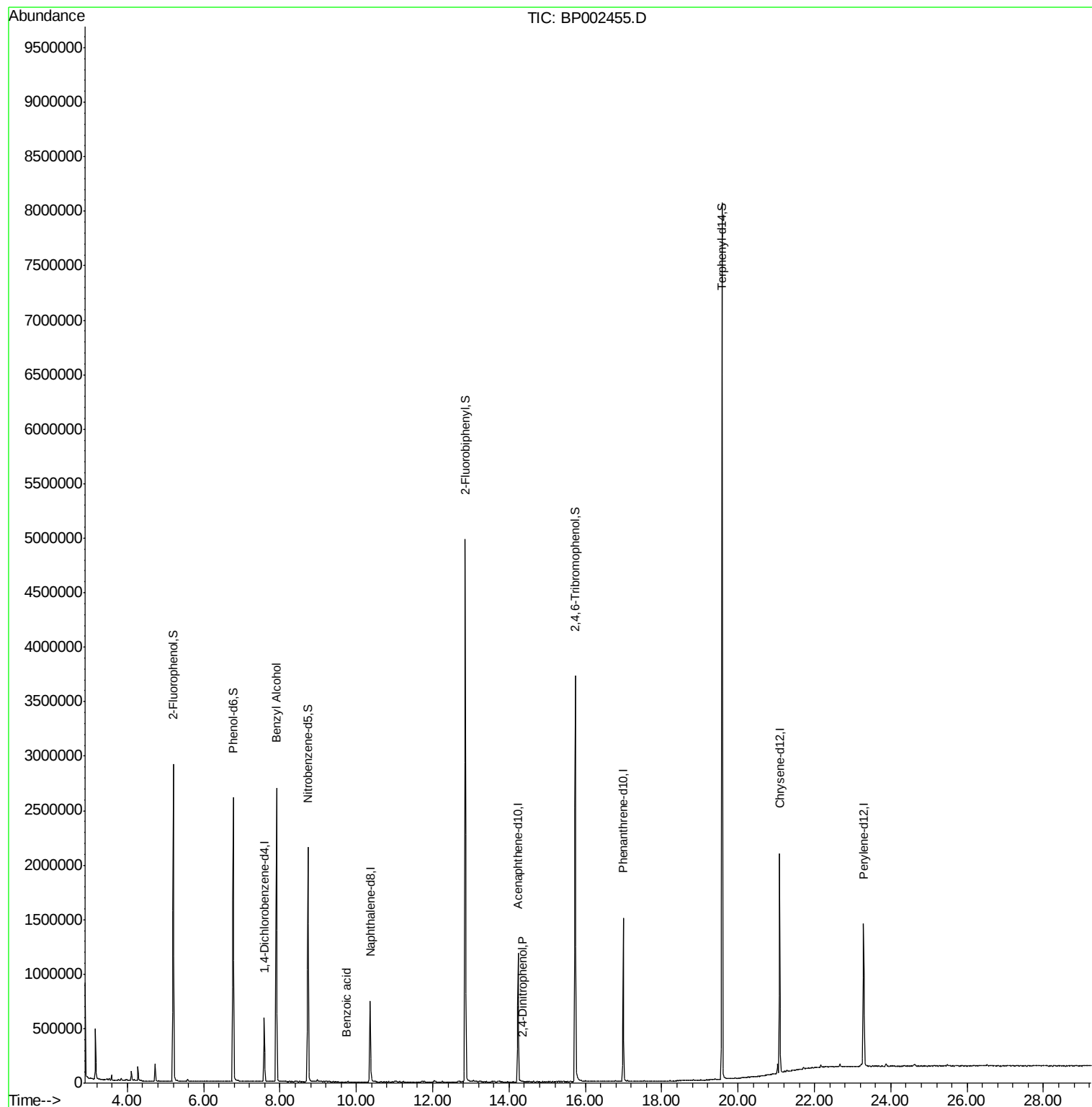
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	149694	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	626922	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	396253	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	877289	20.00	ng	-0.01
76) Chrysene-d12	21.09	240	868821	20.00	ng	-0.02
86) Perylene-d12	23.29	264	899365	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1207555	149.27	ng	0.00
7) Phenol-d6	6.78	99	1514784	140.64	ng	0.00
23) Nitrobenzene-d5	8.73	82	1279229	121.86	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	684688	180.47	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2653541	112.60	ng	0.00
79) Terphenyl-d14	19.58	244	3990310	134.08	ng	0.00
Target Compounds						
9) Benzaldehyde	6.71	77	172	Below Cal	#	43
15) Benzyl Alcohol	7.90	79	21632	2.591 ng	#	49
32) Benzoic acid	9.74	122	12	4.601 ng	#	1
54) 2,4-Dinitrophenol	14.36	184	20	2.791 ng	#	30
61) 4-Chlorophenyl-phenylether	15.30	204	33	Below Cal	#	53

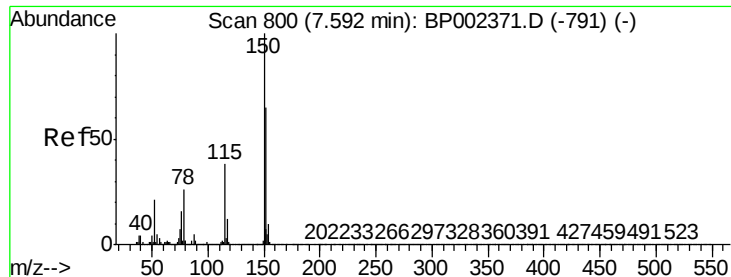
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP002455.D

Acq: 18 Jun 2020 22:56

Instrument :

BNA_P

ClientSampleId :

RO-7

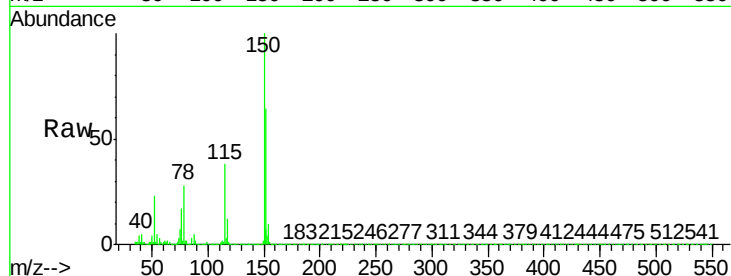
Tot Ion:152 Resp: 149694

Ion Ratio Lower Upper

152 100

150 156.1 124.0 186.0

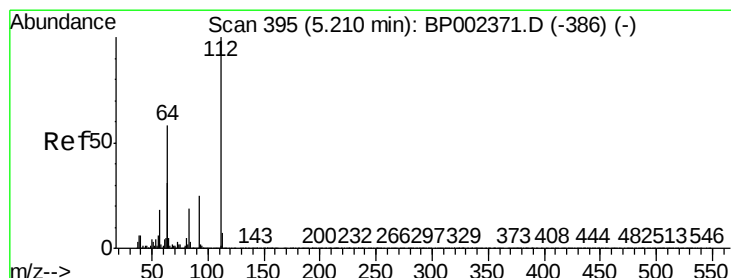
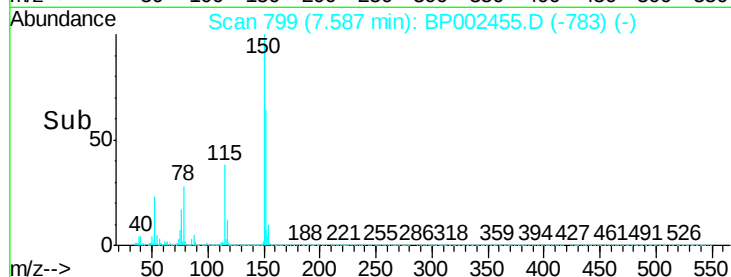
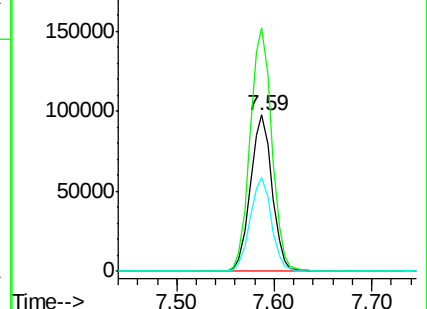
115 60.0 47.4 71.0



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: 149.270 ng

RT: 5.20 min Scan# 394

Delta R.T. -0.01 min

Lab File: BP002455.D

Acq: 18 Jun 2020 22:56

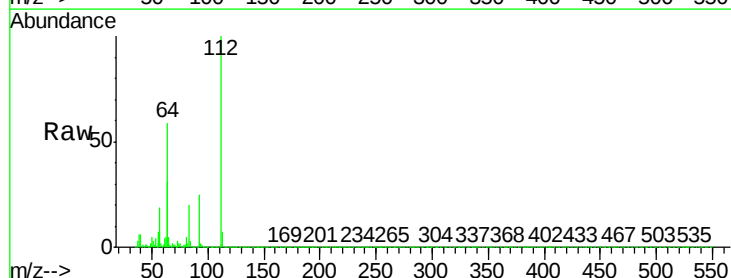
Tgt Ion:112 Resp: 1207555

Ion Ratio Lower Upper

112 100

64 58.7 46.2 69.2

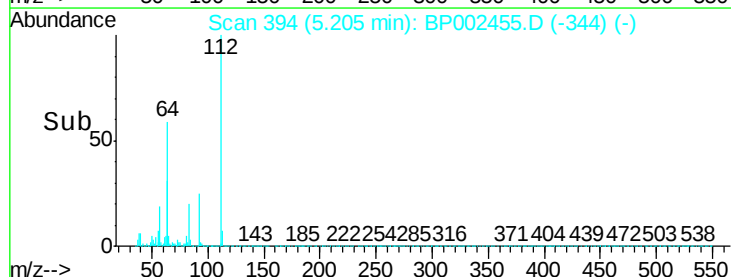
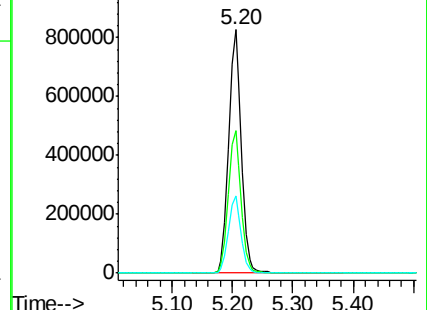
63 31.5 24.5 36.7



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: 140.640 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002455.D

Acq: 18 Jun 2020 22:56

Instrument :

BNA_P

ClientSampleId :

RO-7

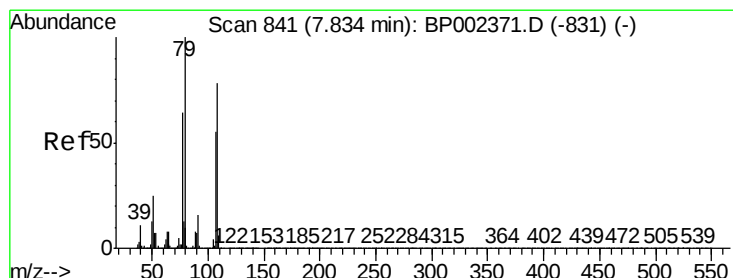
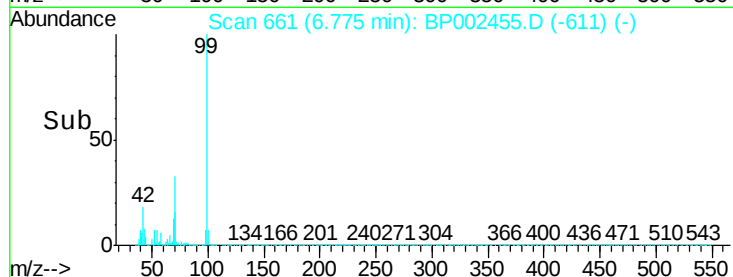
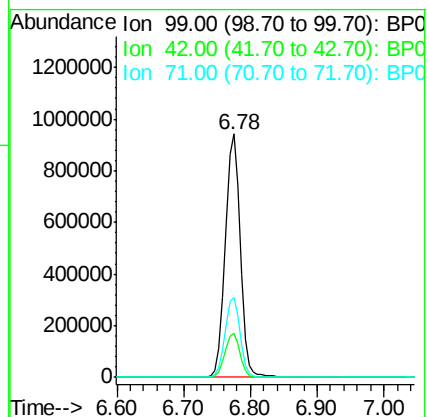
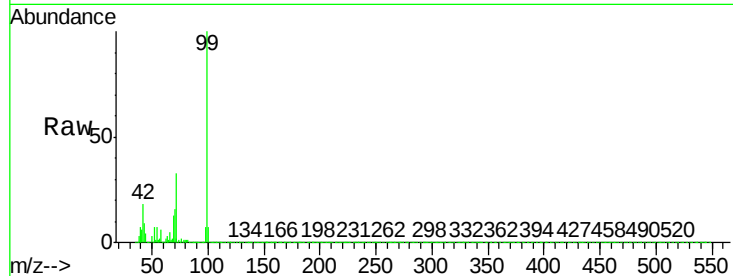
Tot Ion: 99 Resp: 1514784

Ion Ratio Lower Upper

99 100

42 18.0 14.6 22.0

71 33.0 27.2 40.8



#15

Benzyl Alcohol

Concen: 2.591 ng

RT: 7.90 min Scan# 853

Delta R.T. 0.07 min

Lab File: BP002455.D

Acq: 18 Jun 2020 22:56

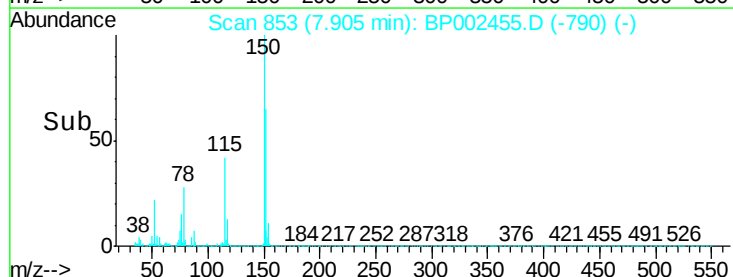
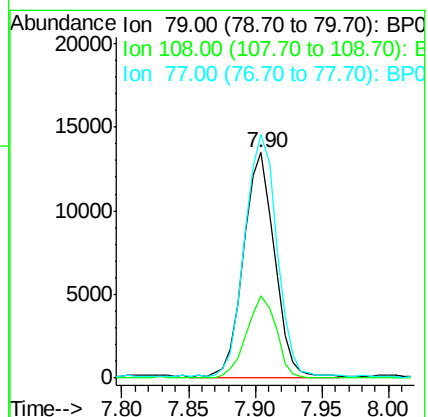
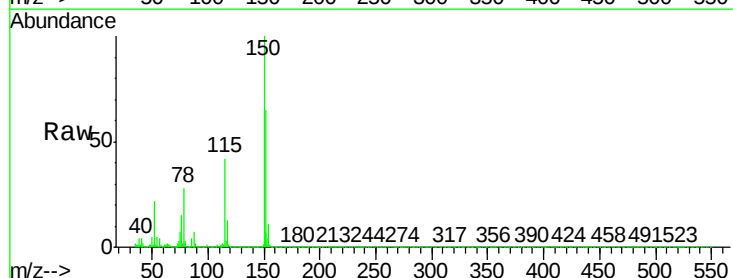
Tgt Ion: 79 Resp: 21632

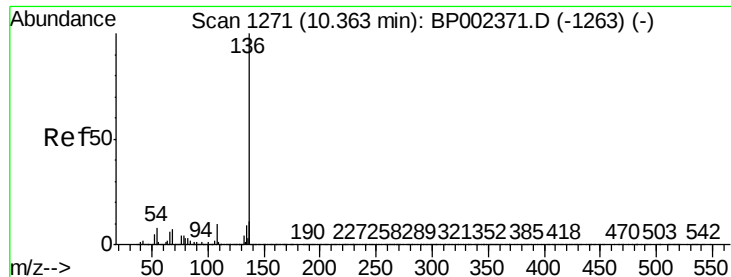
Ion Ratio Lower Upper

79 100

108 36.4 62.6 94.0#

77 108.1 51.5 77.3#

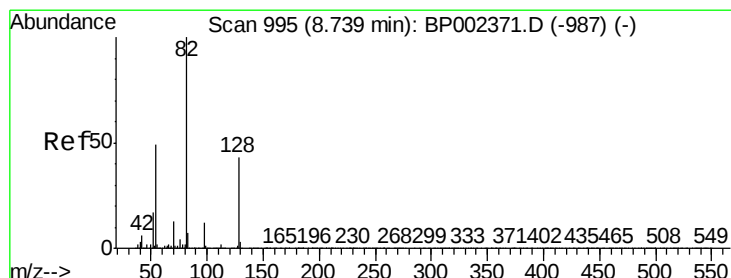
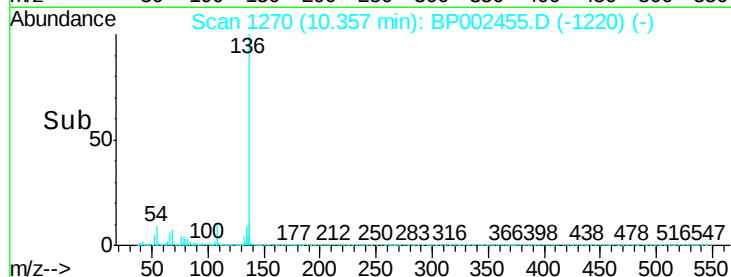
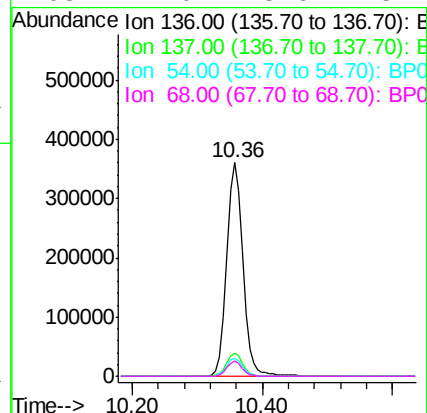
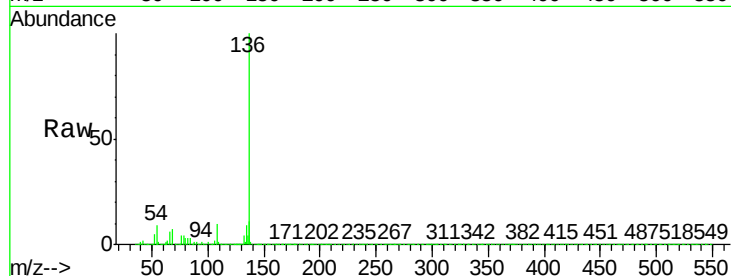




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BP002455.D
Acq: 18 Jun 2020 22:56

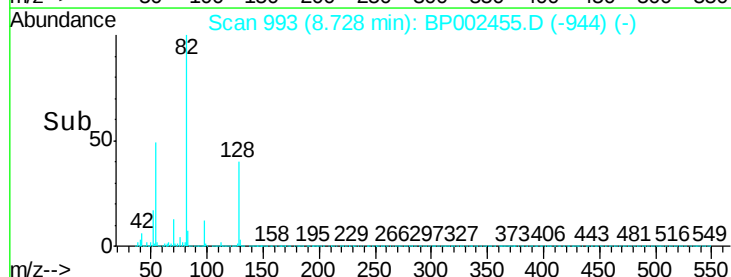
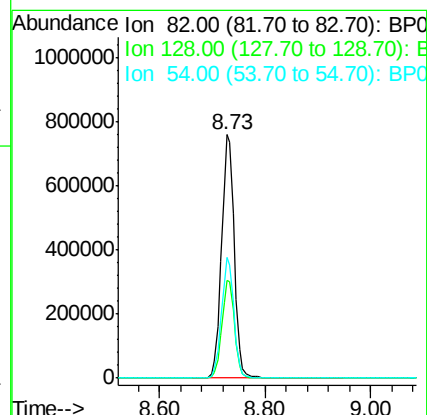
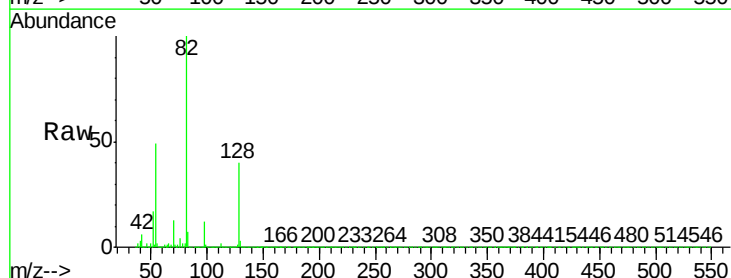
Instrument :
BNA_P
ClientSampleId :
RO-7

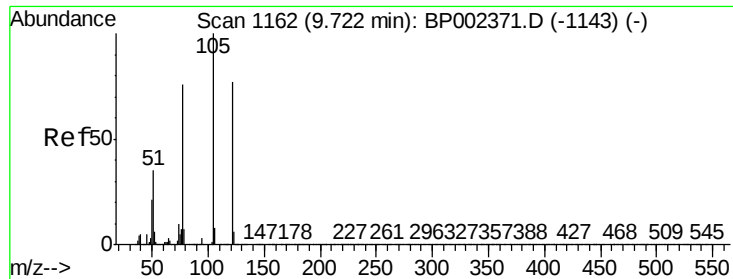
Tot Ion:136	Resp: 626922
Ion Ratio	Lower Upper
136 100	
137 10.6	8.8 13.2
54 8.7	6.4 9.6
68 7.0	5.6 8.4



#23
Nitrobenzene-d5
Concen: 121.856 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP002455.D
Acq: 18 Jun 2020 22:56

Tgt Ion: 82	Resp: 1279229
Ion Ratio	Lower Upper
82 100	
128 39.9	34.5 51.7
54 49.3	39.4 59.2

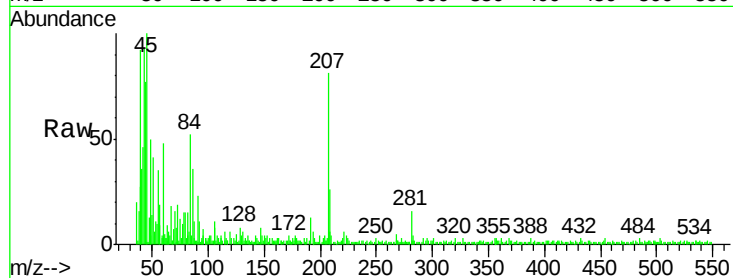




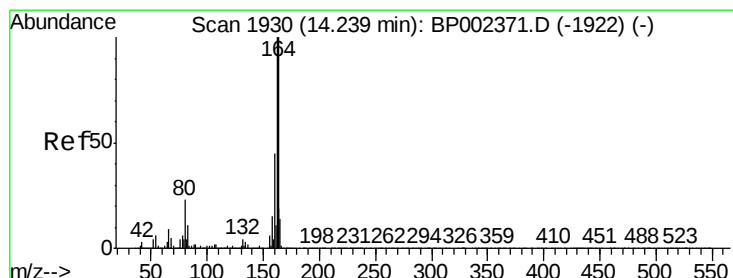
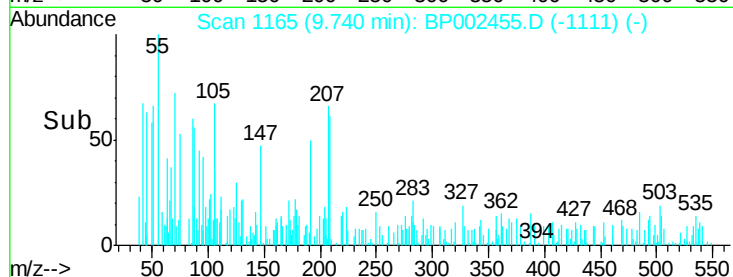
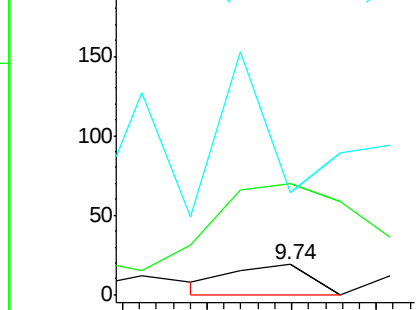
#32
Benzoic acid
Concen: 4.601 ng
RT: 9.74 min Scan# 1165
Delta R.T. 0.02 min
Lab File: BP002455.D
Acq: 18 Jun 2020 22:56

Instrument :
BNA_P
ClientSampleId :
RO-7

Tot Ion:122 Resp: 12
Ion Ratio Lower Upper
122 100
105 368.4 106.3 146.3#
77 336.8 77.5 117.5#

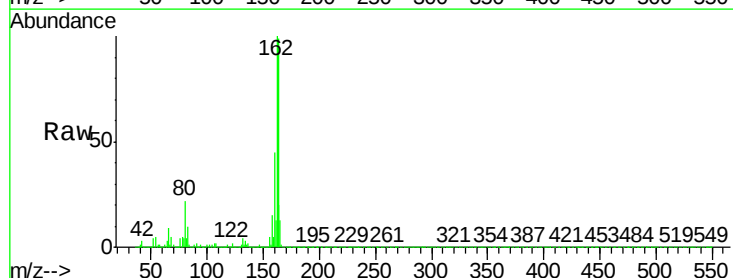


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BPO

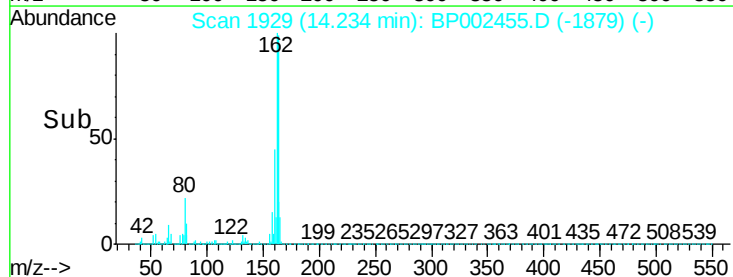
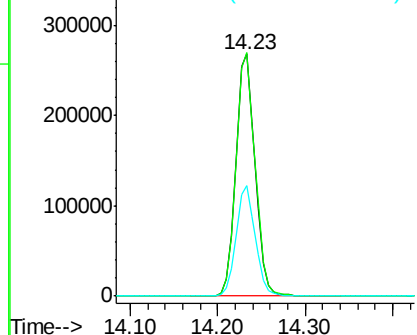


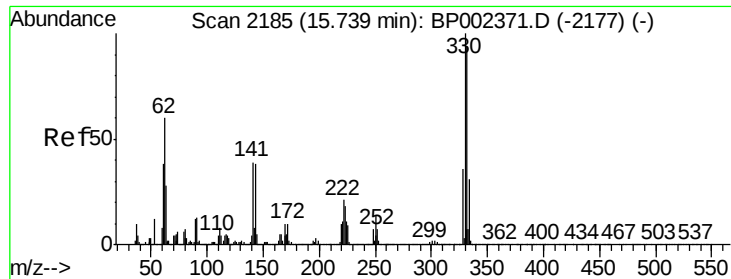
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BP002455.D
Acq: 18 Jun 2020 22:56

Tgt Ion:164 Resp: 396253
Ion Ratio Lower Upper
164 100
162 100.7 79.8 119.8
160 45.8 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

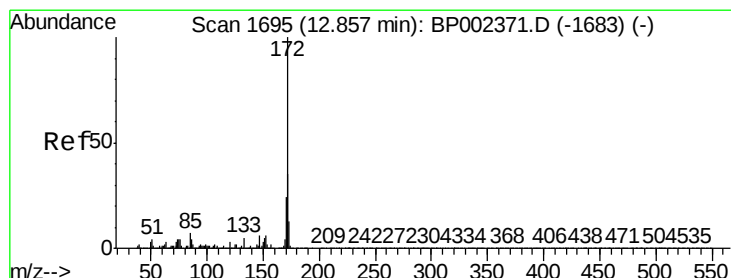
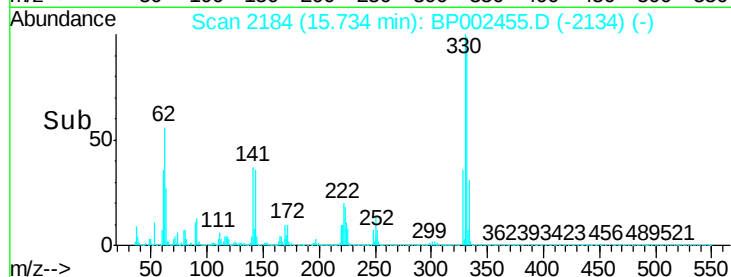
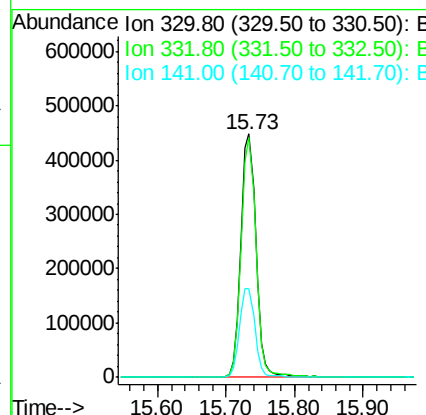
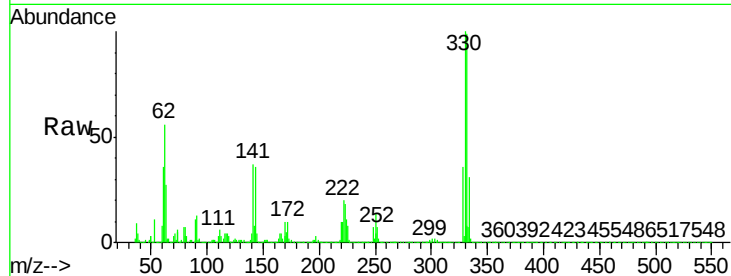




#42
2,4,6-Tribromophenol
Concen: 180.474 ng
RT: 15.73 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BP002455.D
Acq: 18 Jun 2020 22:56

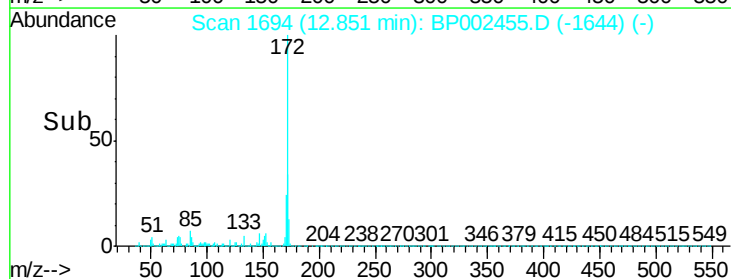
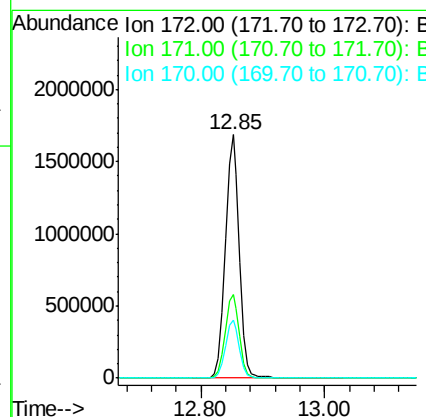
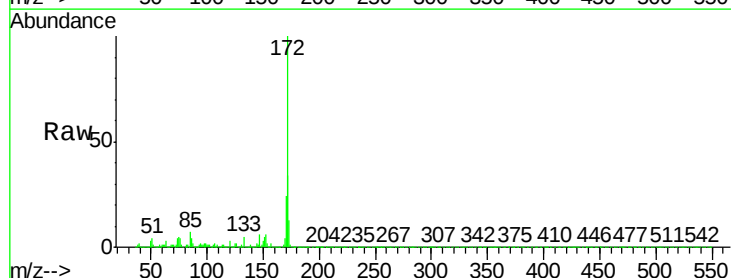
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RO-7

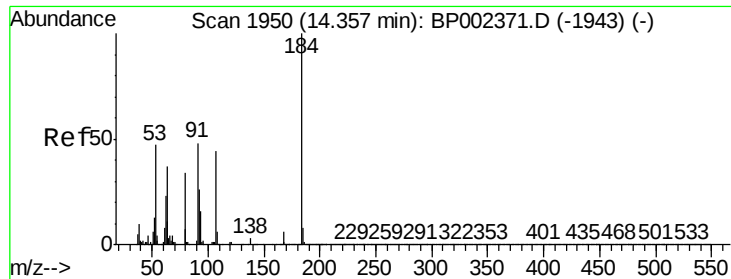
Tot Ion:330 Resp: 684688
Ion Ratio Lower Upper
330 100
332 97.2 76.6 115.0
141 37.5 30.3 45.5



#45
2-Fluorobiphenyl
Concen: 112.598 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002455.D
Acq: 18 Jun 2020 22:56

Tgt Ion:172 Resp: 2653541
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.8
170 24.0 19.0 28.6

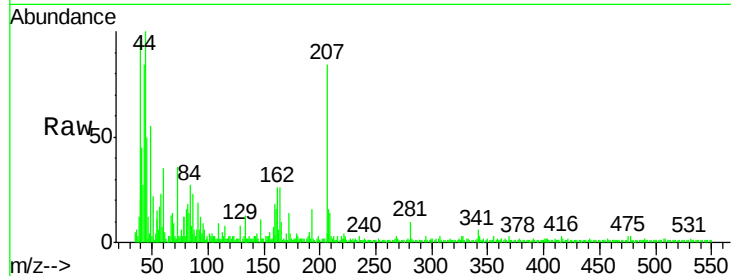




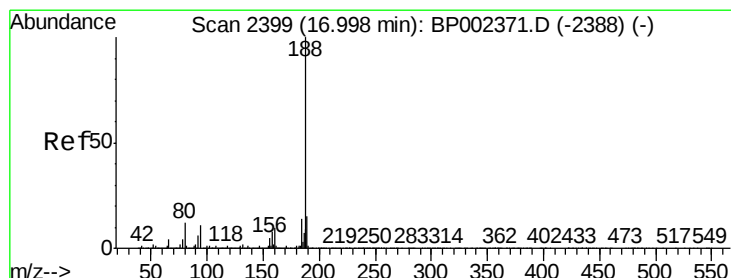
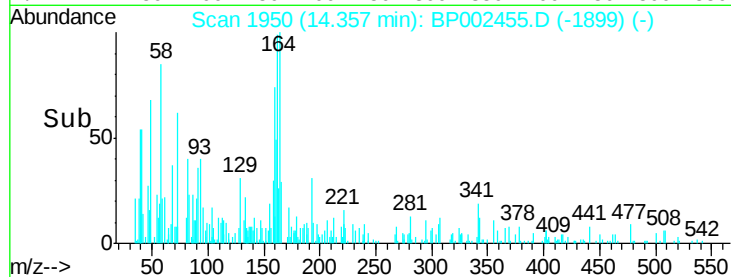
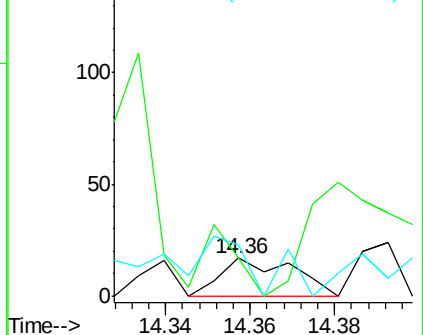
#54
 2,4-Dinitrophenol
 Concen: 2.791 ng
 RT: 14.36 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: BP002455.D
 Acq: 18 Jun 2020 22:56

Instrument :
 BNA_P
 ClientSampled :
 RO-7

Tot Ion:184 Resp: 20
 Ion Ratio Lower Upper
 184 100
 63 100.0 52.3 78.5#
 154 135.3 48.6 72.8#

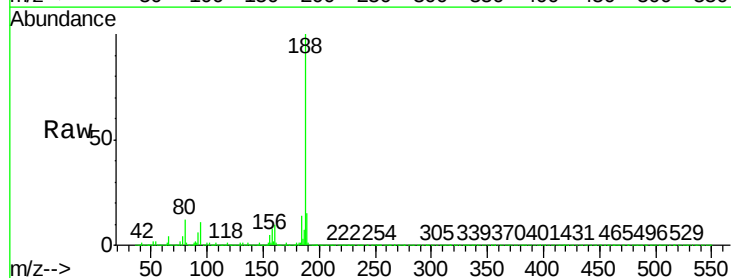


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BP0
 Ion 154.00 (153.70 to 154.70): E

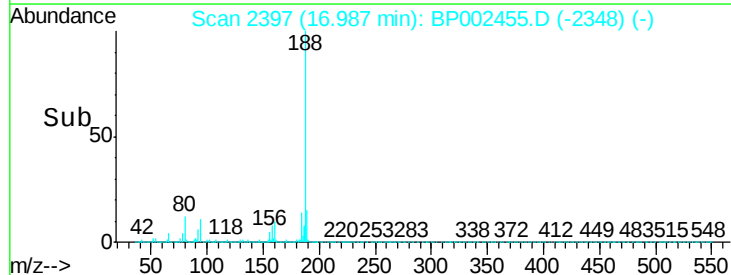
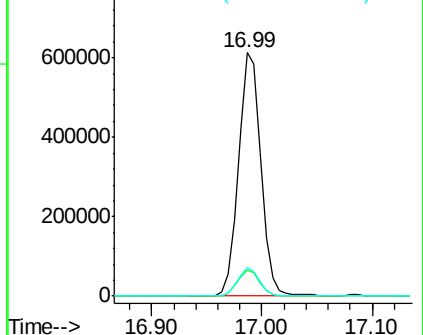


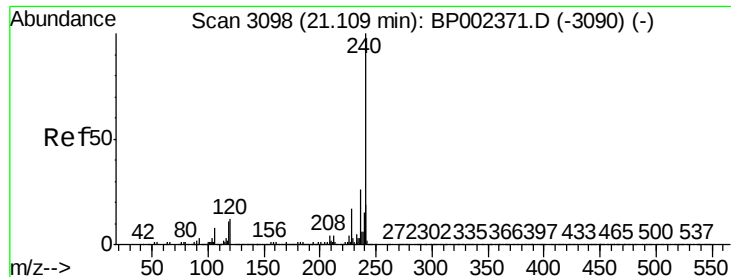
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.99 min Scan# 2397
 Delta R.T. -0.01 min
 Lab File: BP002455.D
 Acq: 18 Jun 2020 22:56

Tgt Ion:188 Resp: 877289
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.5 12.7
 80 11.7 9.4 14.0



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

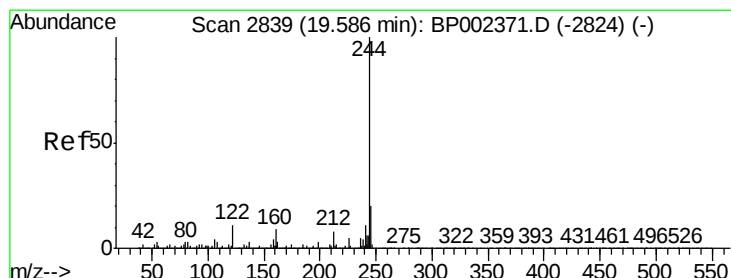
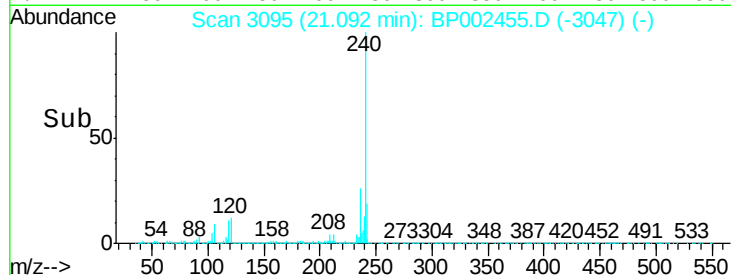
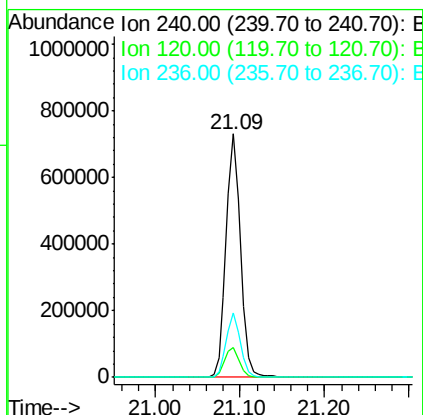
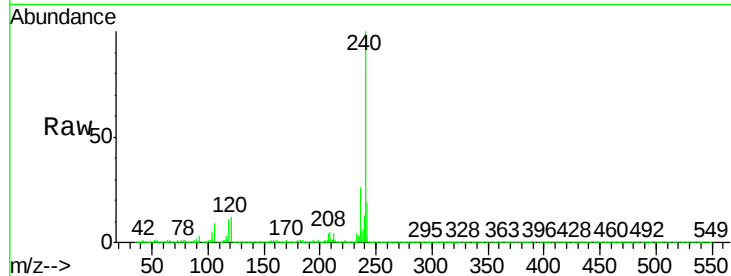




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BP002455.D
Acq: 18 Jun 2020 22:56

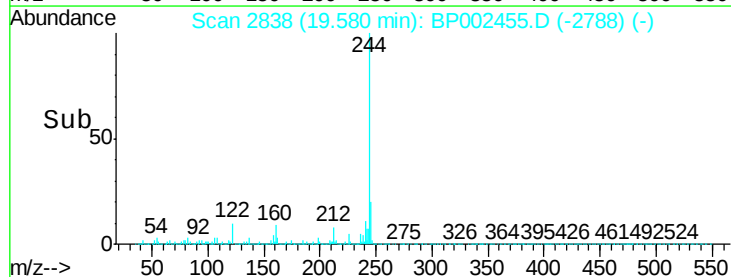
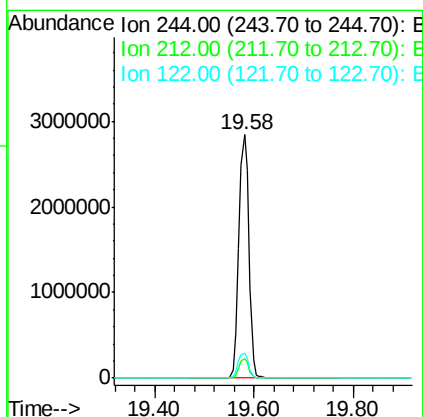
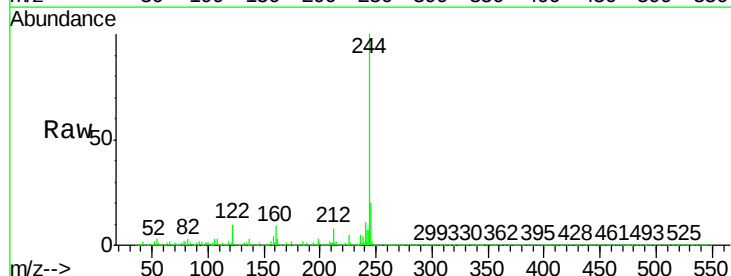
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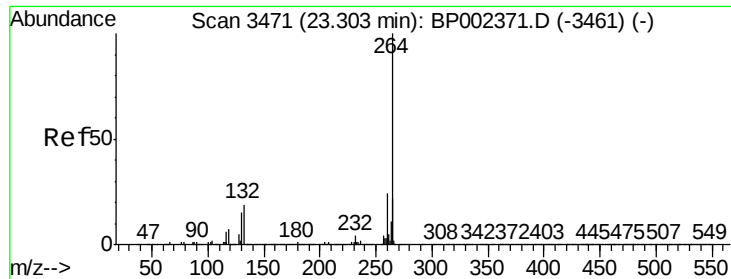
Tot Ion:240 Resp: 868821
Ion Ratio Lower Upper
240 100
120 12.5 9.3 13.9
236 26.2 21.0 31.6



#79
Terphenyl-d14
Concen: 134.080 ng
RT: 19.58 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BP002455.D
Acq: 18 Jun 2020 22:56

Tgt Ion:244 Resp: 3990310
Ion Ratio Lower Upper
244 100
212 8.3 6.6 10.0
122 10.3 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: BP002455.D
Acq: 18 Jun 2020 22:56

Instrument :
BNA_P
ClientSampleId :
RO-7

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	20.8	17.4	26.2

