Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001367.D
Acq On : 23 Dec 2019 15:08
Operator : JU
Sample : K6379-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MH-BNM-1

Quant Time: Dec 24 03:47:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 03:20:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	51303	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	175697	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	98819	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	192529	20.00	ng	0.00
76) Chrysene-d12	19.25	240	153638	20.00	ng	0.00
87) Perylene-d12	21.03	264	161527	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	159373	50.21	ng	0.01
7) Phenol-d6	7.75	99	135964	32.83	ng	0.00
23) Nitrobenzene-d5	9.19	82	404108	88.32	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	135725	109.86	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	691727	88.51	ng	0.00
79) Terphenyl-d14	17.89	244	876869	97.75	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	12.79	163	16587	2.046	ng	96
77) Benzidine	17.55	184	25546	5.711	ng	97

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

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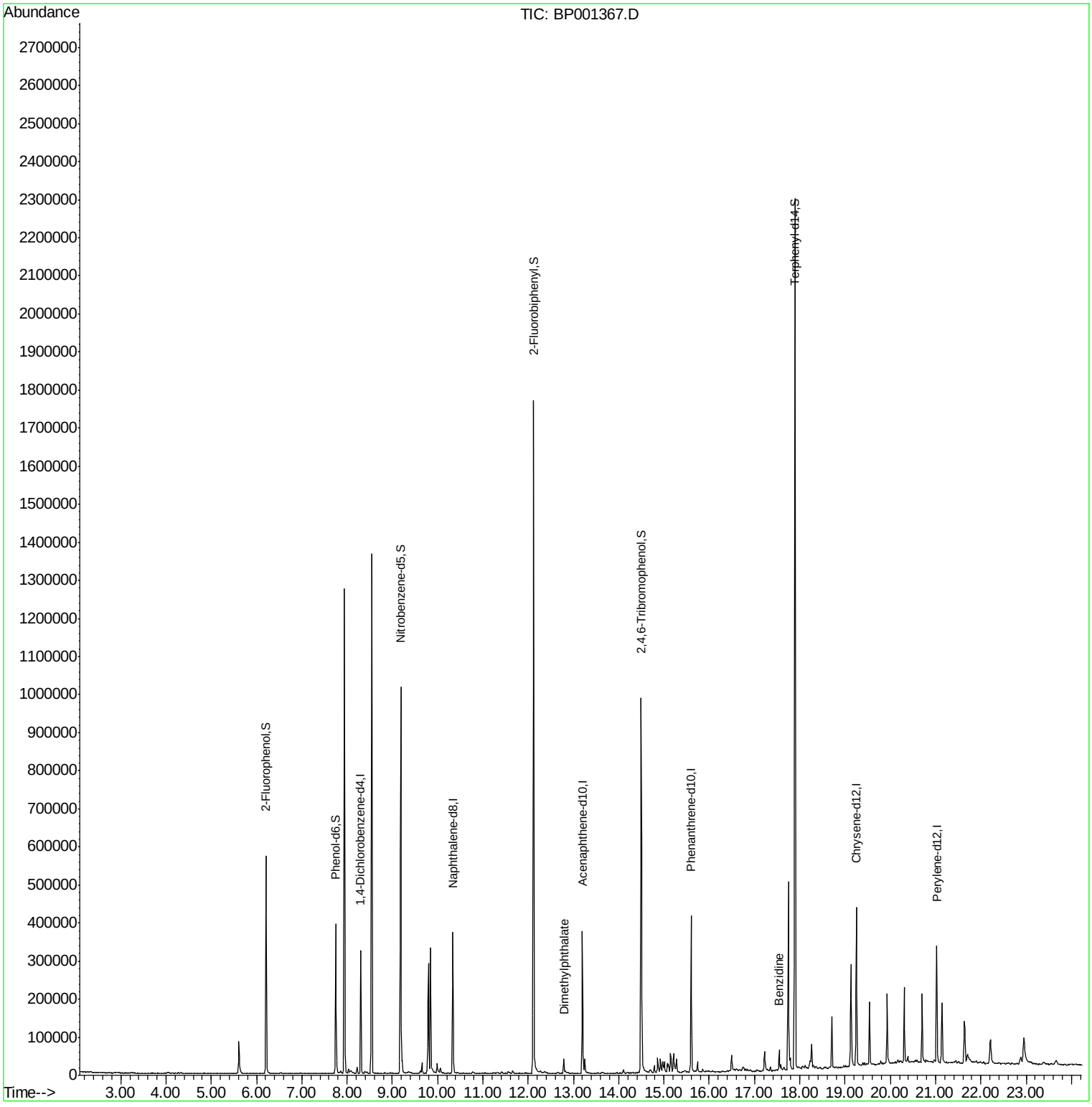
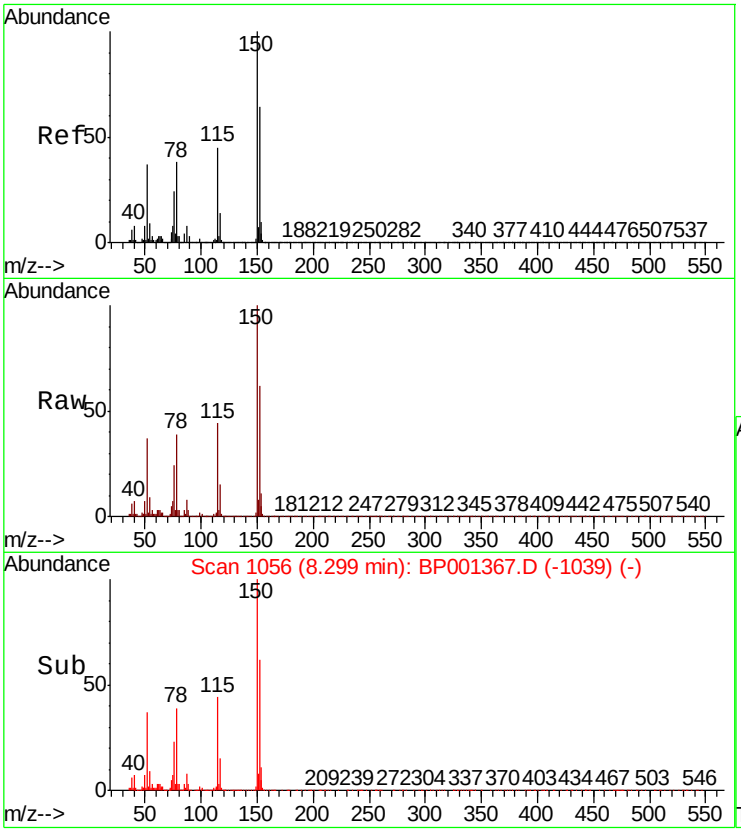


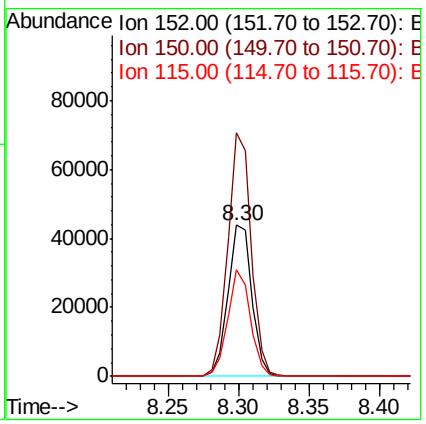


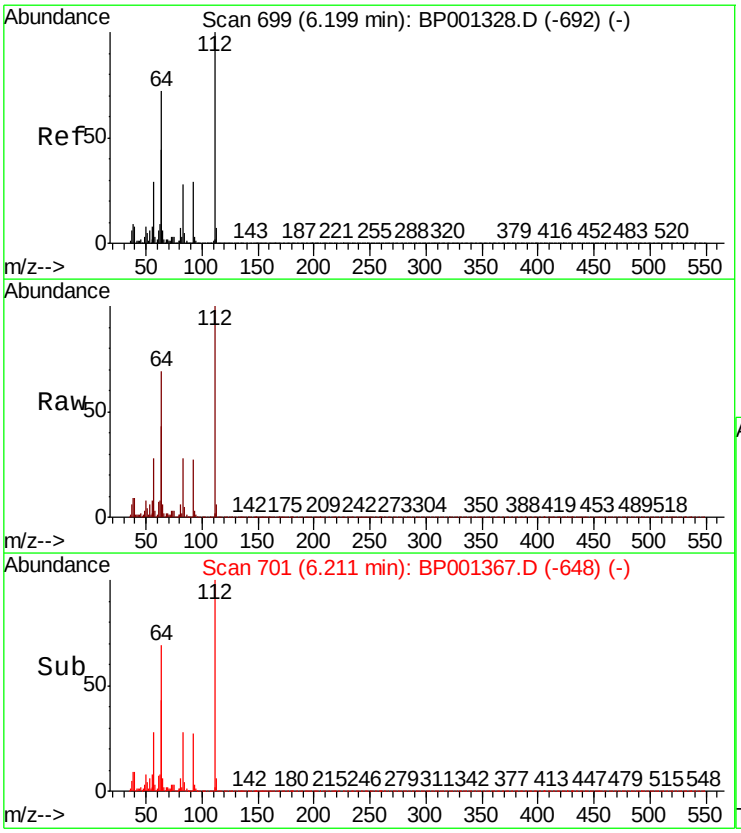
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BP001367.D
Acq: 23 Dec 2019 15:08

Instrument :
BNA_P
ClientSampleId :
MH-BNM-1

Tgt Ion:152 Resp: 51303

Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.0	186.0
115	70.3	59.3	88.9

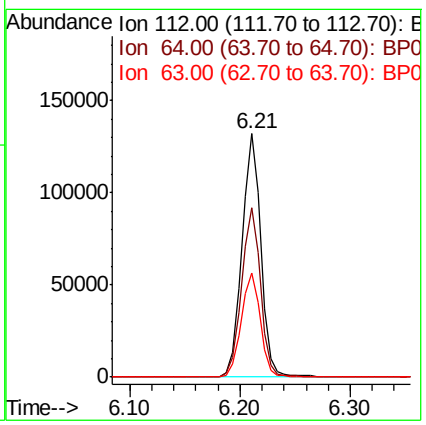


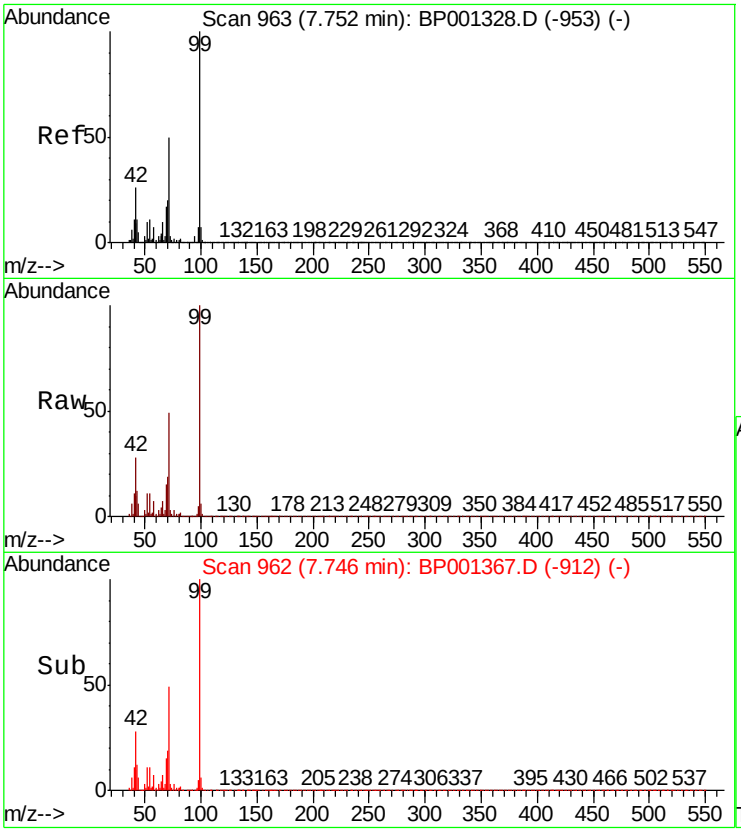


#5
2-Fluorophenol
Concen: 50.207 ng
RT: 6.21 min Scan# 701
Delta R.T. 0.01 min
Lab File: BP001367.D
Acq: 23 Dec 2019 15:08

Tgt Ion:112 Resp: 159373

Ion	Ratio	Lower	Upper
112	100		
64	69.5	57.6	86.4
63	42.6	35.1	52.7



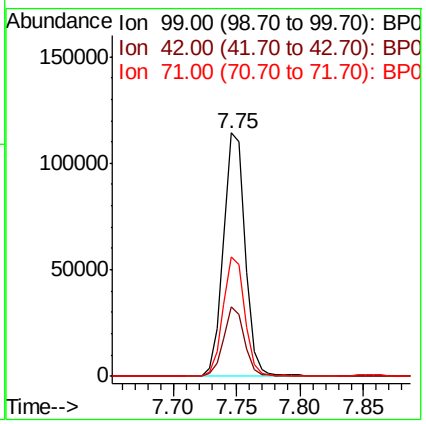


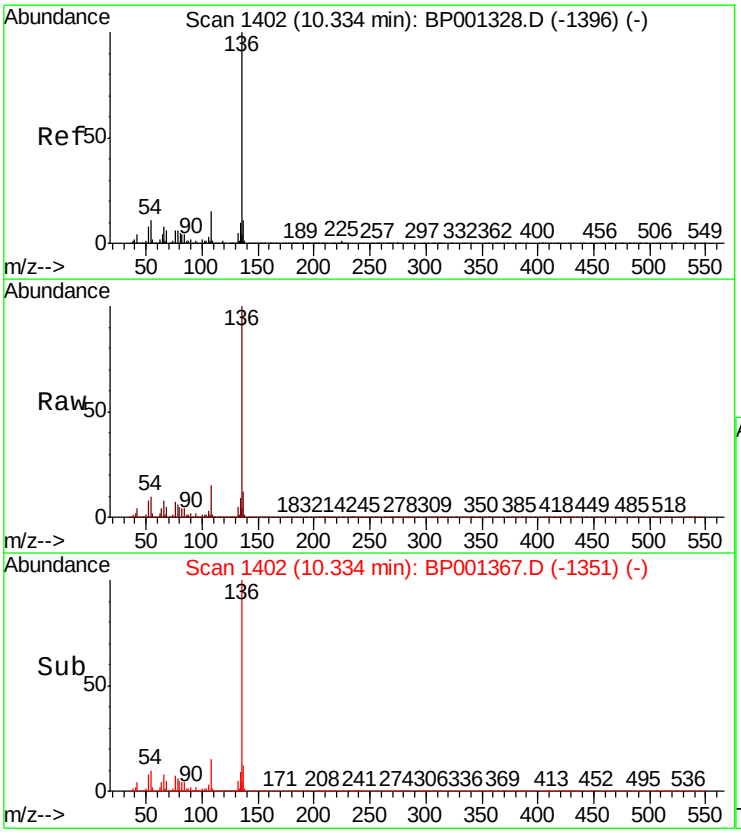
#7
Phenol-d6
Concen: 32.825 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BP001367.D
Acq: 23 Dec 2019 15:08

Instrument :
BNA_P
ClientSampleId :
MH-BNM-1

Tgt Ion: 99 Resp: 135964

Ion	Ratio	Lower	Upper
99	100		
42	28.3	20.9	31.3
71	49.2	40.0	60.0

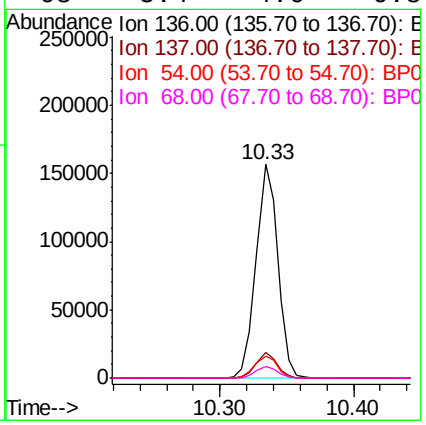


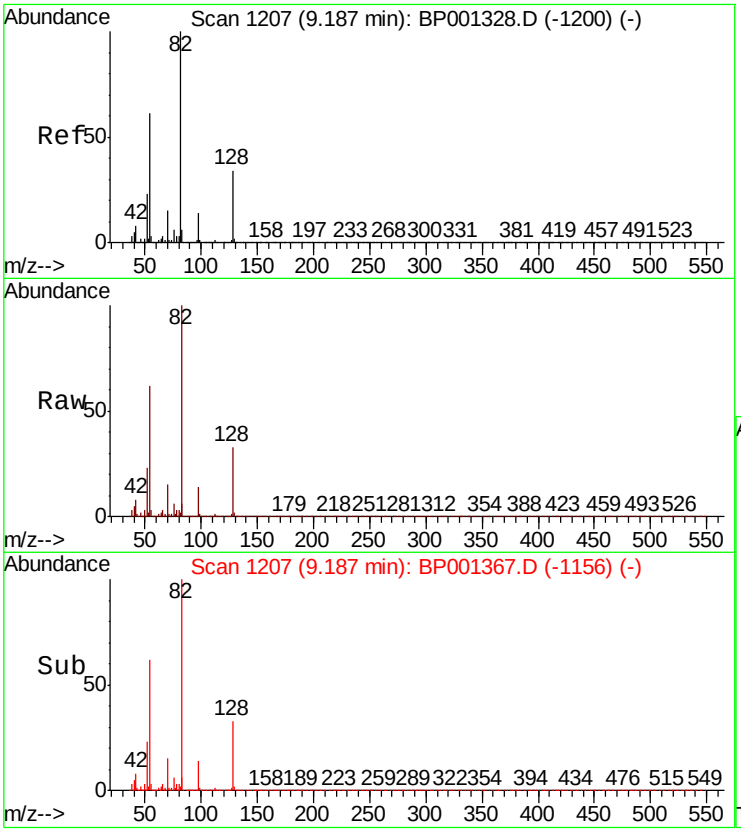


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BP001367.D
Acq: 23 Dec 2019 15:08

Tgt Ion:136 Resp: 175697

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	10.5	8.8	13.2
68	5.4	4.6	6.8



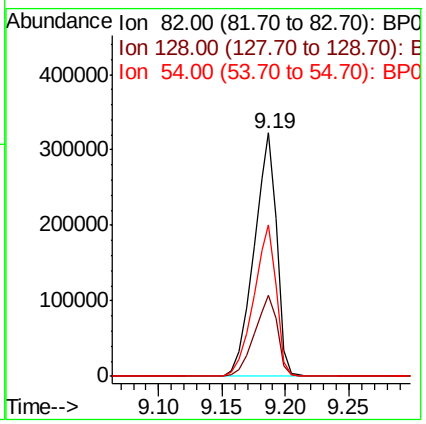


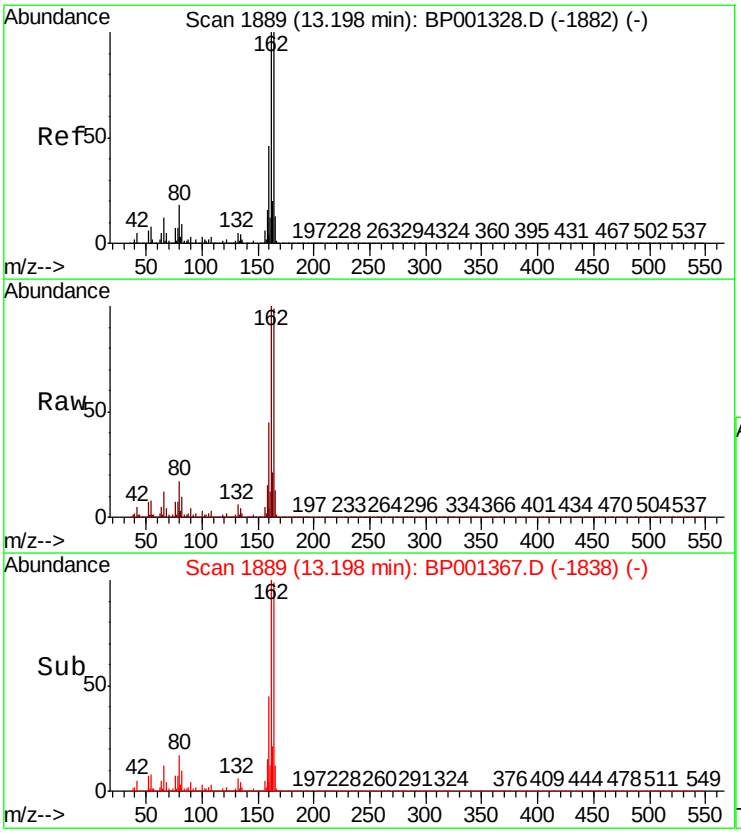
#23
Nitrobenzene-d5
Concen: 88.324 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BP001367.D
Acq: 23 Dec 2019 15:08

Instrument :
BNA_P
ClientSampleId :
MH-BNM-1

Tgt Ion: 82 Resp: 404108

Ion	Ratio	Lower	Upper
82	100		
128	33.1	27.0	40.4
54	62.3	49.0	73.4

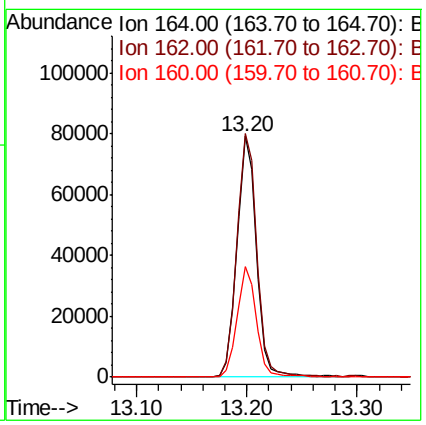


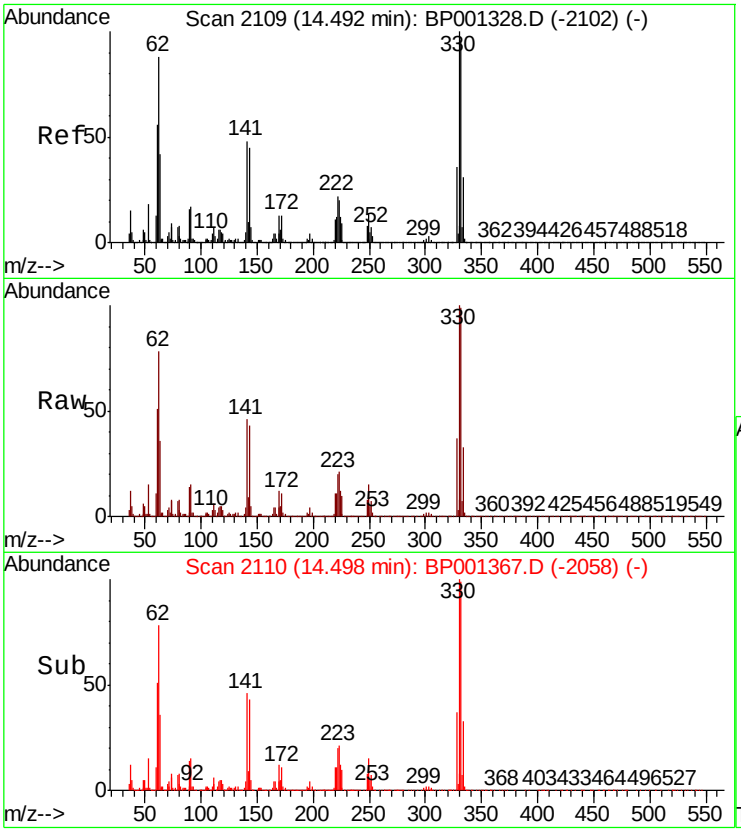


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1889
Delta R.T. 0.00 min
Lab File: BP001367.D
Acq: 23 Dec 2019 15:08

Tgt Ion:164 Resp: 98819

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.3	120.5
160	45.9	36.6	54.8



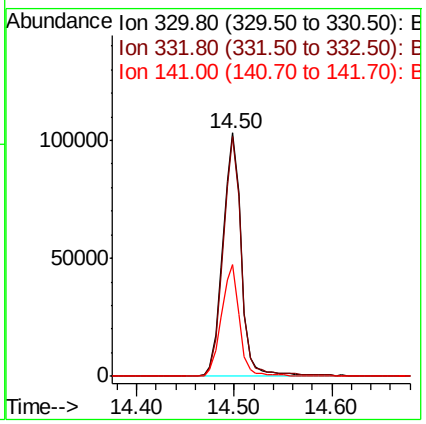


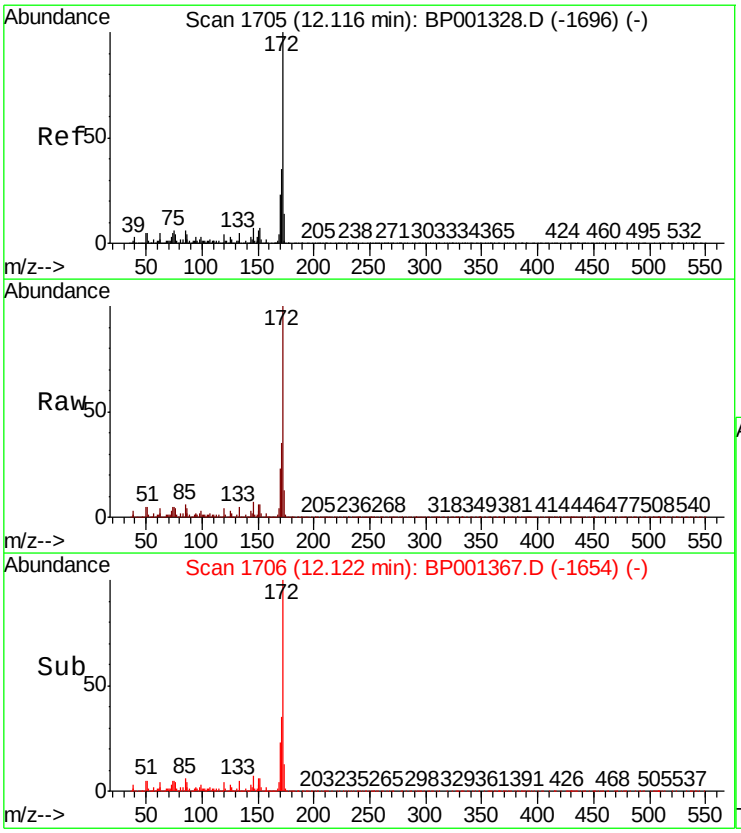
#42
2,4,6-Tribromophenol
Concen: 109.858 ng
RT: 14.50 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BP001367.D
Acq: 23 Dec 2019 15:08

Instrument :
BNA_P
ClientSampleId :
MH-BNM-1

Tgt Ion:330 Resp: 135725

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.7	118.1
141	44.7	36.2	54.4

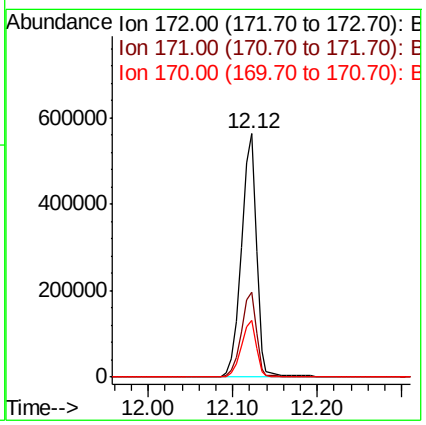


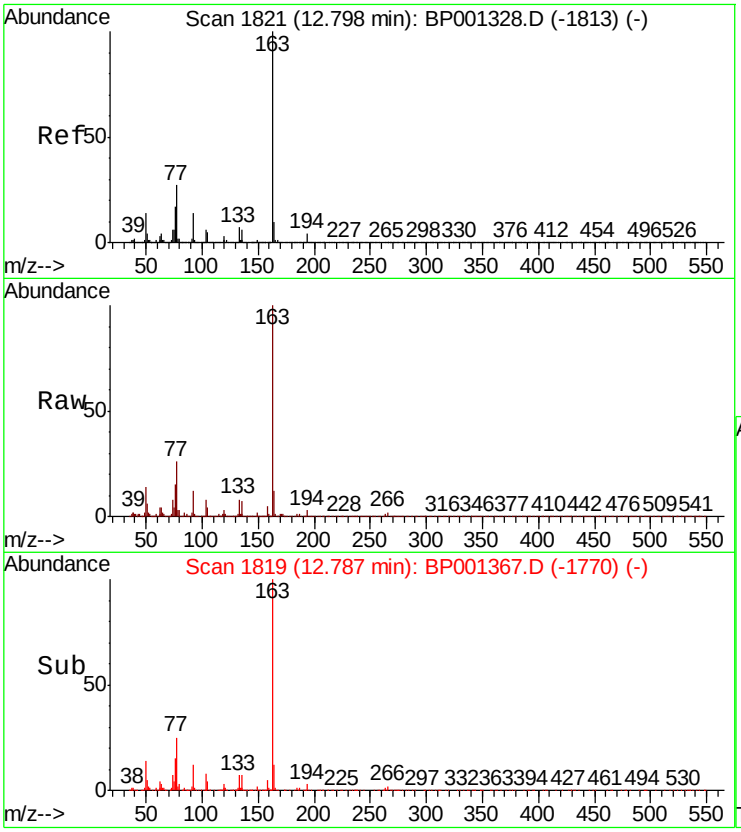


#45
2-Fluorobiphenyl
Concen: 88.513 ng
RT: 12.12 min Scan# 1706
Delta R.T. 0.01 min
Lab File: BP001367.D
Acq: 23 Dec 2019 15:08

Tgt Ion:172 Resp: 691727

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.7	41.5
170	23.3	18.6	28.0



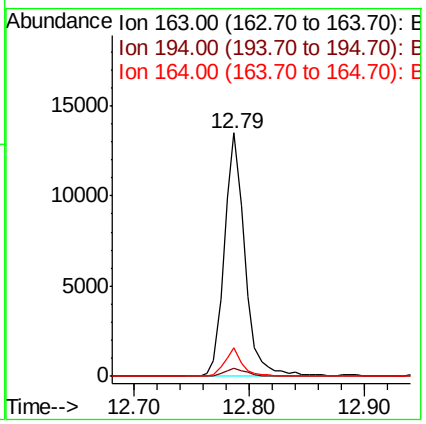


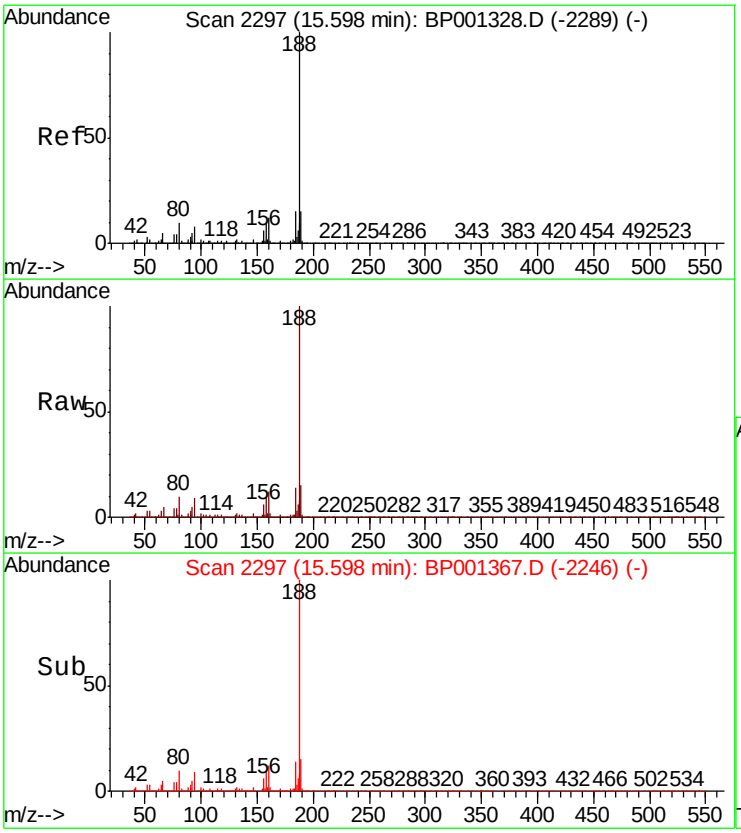
#50
Dimethylphthalate
Concen: 2.046 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BP001367.D
Acq: 23 Dec 2019 15:08

Instrument :
BNA_P
ClientSampleId :
MH-BNM-1

Tgt Ion:163 Resp: 16587

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.4	5.0
164	11.5	7.9	11.9

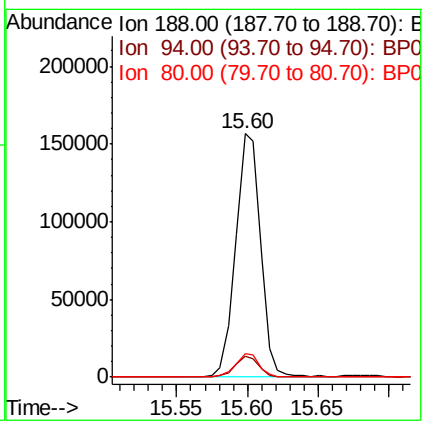


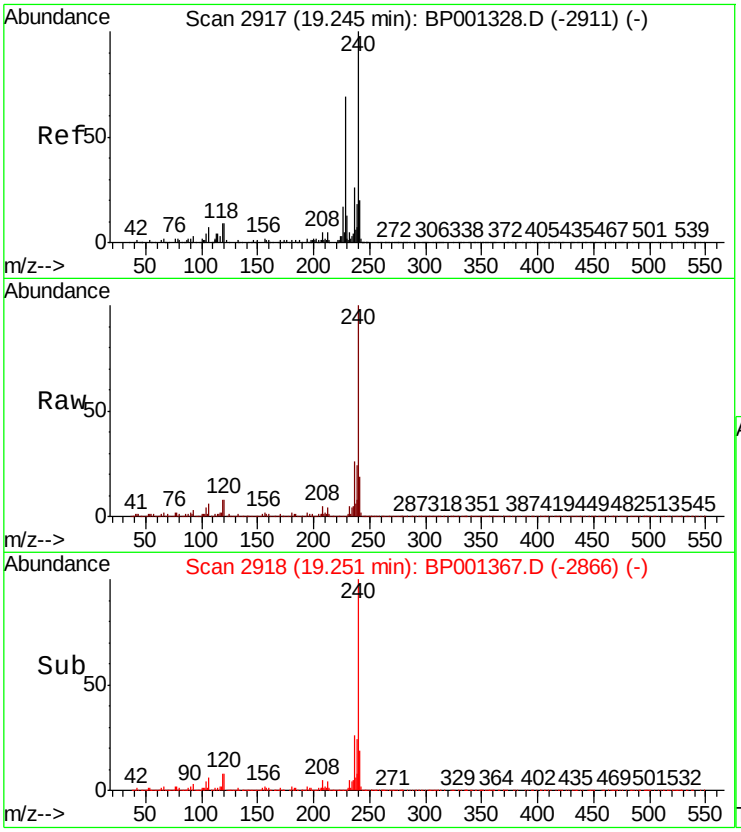


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BP001367.D
Acq: 23 Dec 2019 15:08

Tgt Ion:188 Resp: 192529

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.6	10.0
80	9.7	7.8	11.6



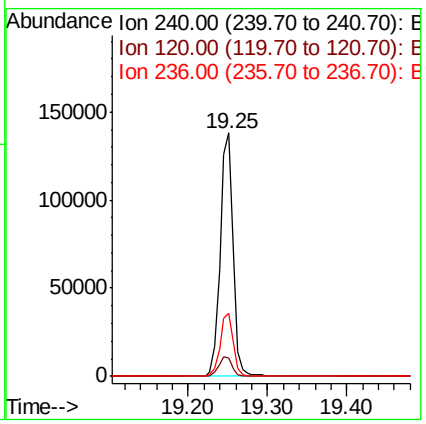


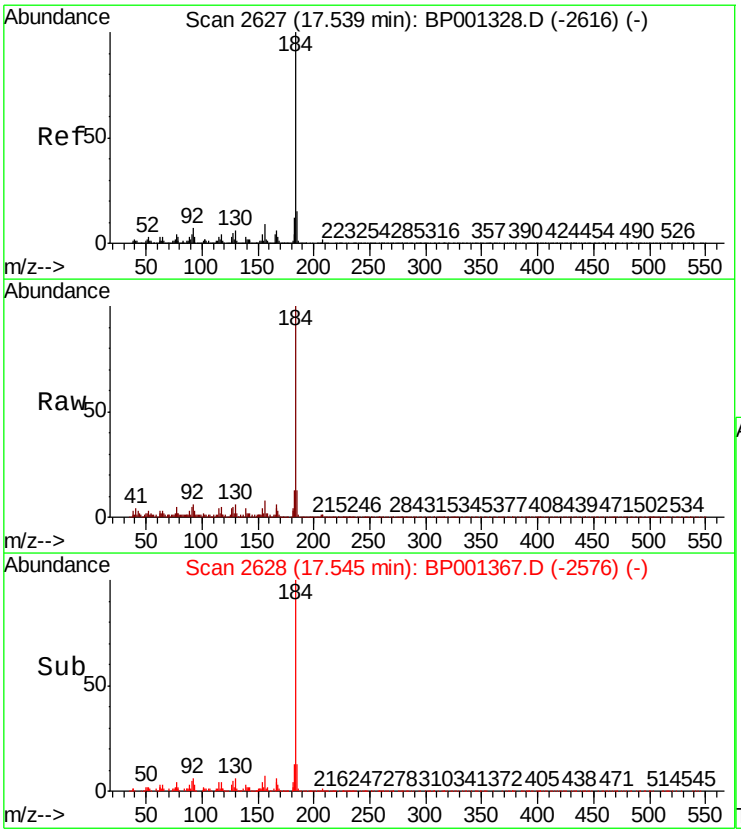
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2918
Delta R.T. 0.01 min
Lab File: BP001367.D
Acq: 23 Dec 2019 15:08

Instrument :
BNA_P
ClientSampleId :
MH-BNM-1

Tgt Ion:240 Resp: 153638

Ion	Ratio	Lower	Upper
240	100		
120	7.6	7.6	11.4#
236	26.0	21.0	31.4

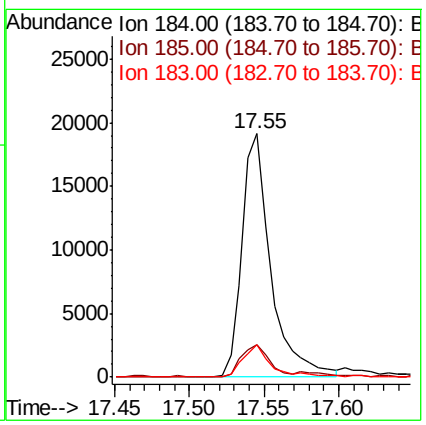


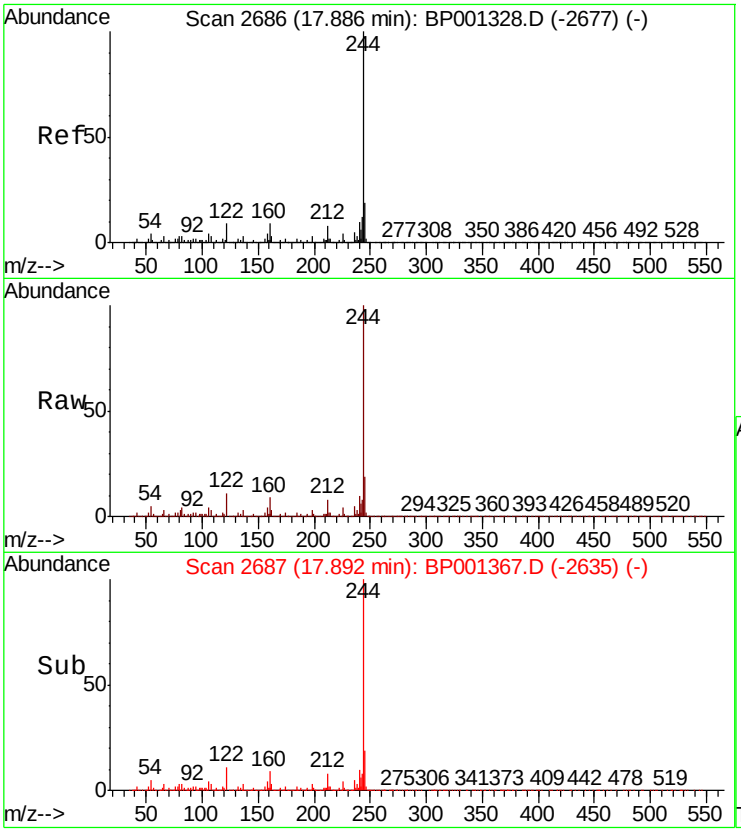


#77
Benzidine
Concen: 5.711 ng
RT: 17.55 min Scan# 2628
Delta R.T. 0.01 min
Lab File: BP001367.D
Acq: 23 Dec 2019 15:08

Tgt Ion:184 Resp: 25546

Ion	Ratio	Lower	Upper
184	100		
185	13.3	11.7	17.5
183	13.4	9.8	14.8



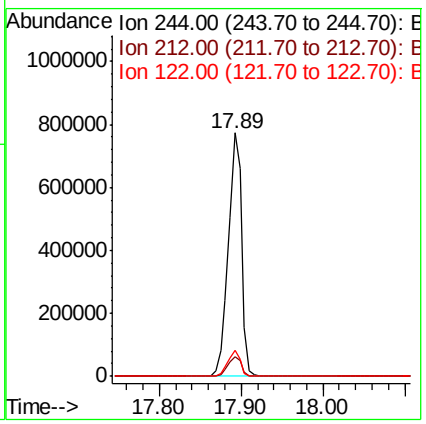


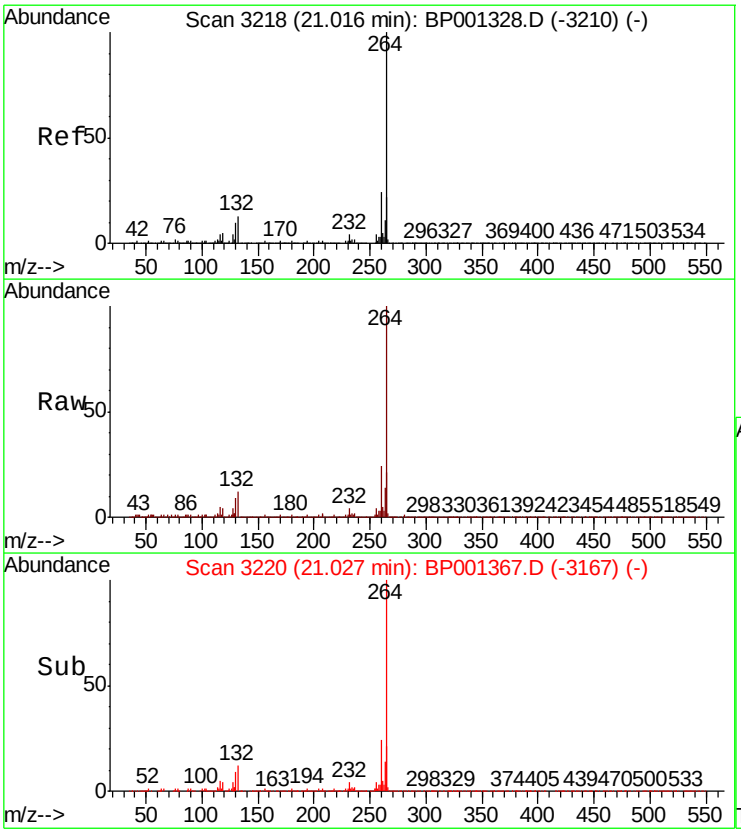
#79
Terphenyl-d14
Concen: 97.754 ng
RT: 17.89 min Scan# 2687
Delta R.T. 0.01 min
Lab File: BP001367.D
Acq: 23 Dec 2019 15:08

Instrument :
BNA_P
ClientSampleId :
MH-BNM-1

Tgt Ion:244 Resp: 876869

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	9.8
122	10.6	7.6	11.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 21.03 min Scan# 3220
Delta R.T. 0.01 min
Lab File: BP001367.D
Acq: 23 Dec 2019 15:08

Tgt Ion:264 Resp: 161527

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	20.6	17.4	26.2