Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011420\
Data File : BP001594.D
Acq On : 14 Jan 2020 18:59
Operator : JU
Sample : L1014-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-03-011020

Quant Time: Jan 14 22:04:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 21:52:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	26184	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	90118	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	63562	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	150071	20.00	ng	0.00
76) Chrysene-d12	21.15	240	145126	20.00	ng	0.00
87) Perylene-d12	23.39	264	150431	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	189283	141.61	ng	0.00
7) Phenol-d6	6.83	99	232005	108.60	ng	0.00
23) Nitrobenzene-d5	8.79	82	209152	101.42	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	127330	131.60	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	452057	104.57	ng	0.00
79) Terphenyl-d14	19.64	244	847713	106.84	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.75	163	12017	2.295	ng	# 98

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

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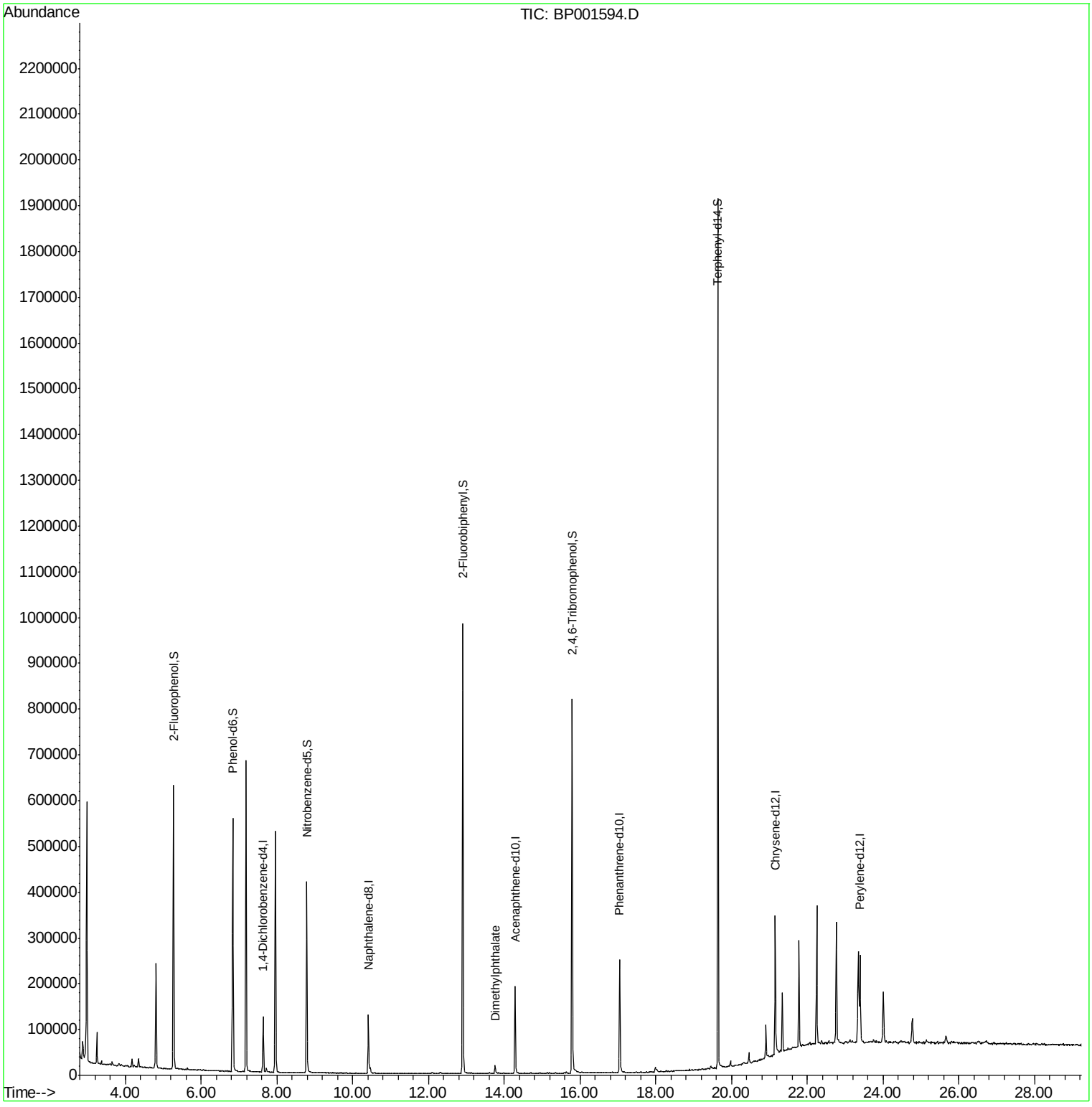
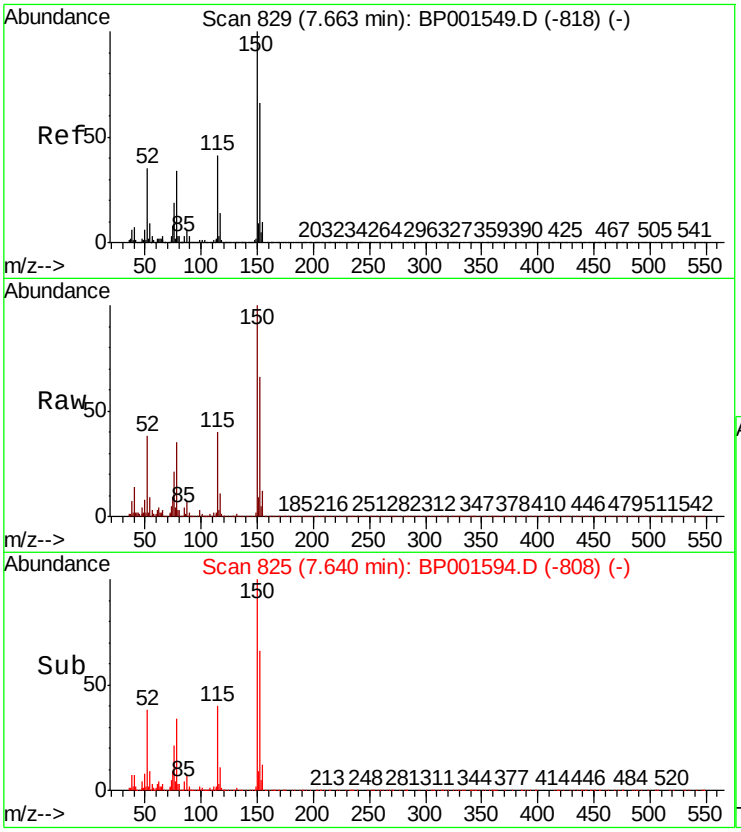


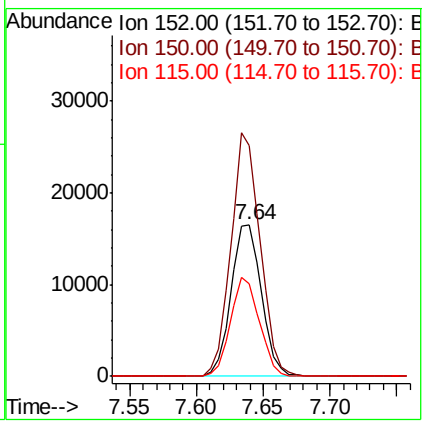


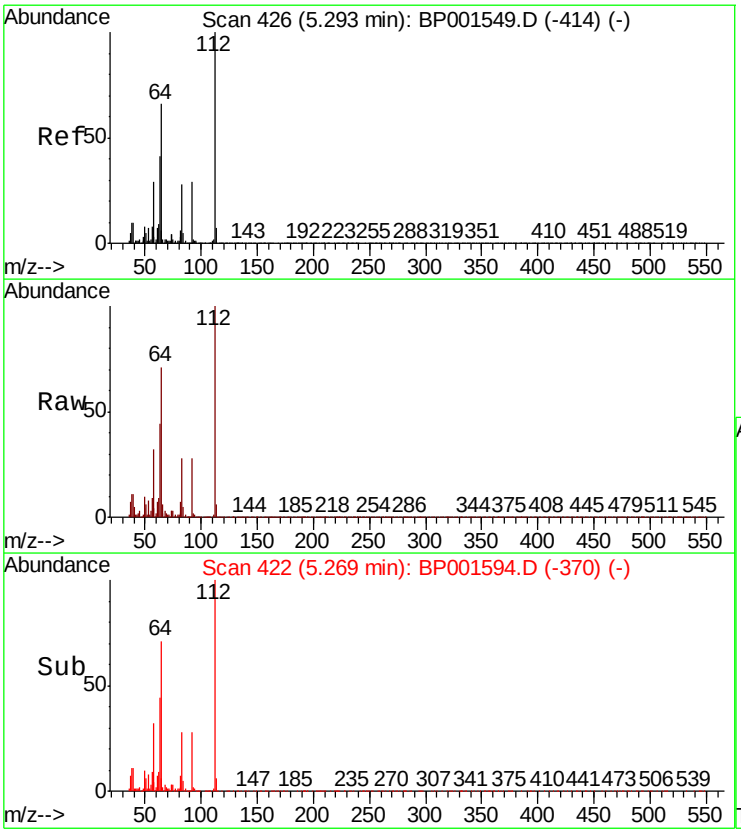
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 825
Delta R.T. -0.00 min
Lab File: BP001594.D
Acq: 14 Jan 2020 18:59

Instrument :
BNA_P
ClientSampleId :
OR-03-011020

Tgt Ion:152 Resp: 26184

Ion	Ratio	Lower	Upper
152	100		
150	152.3	122.0	183.0
115	61.4	50.7	76.1

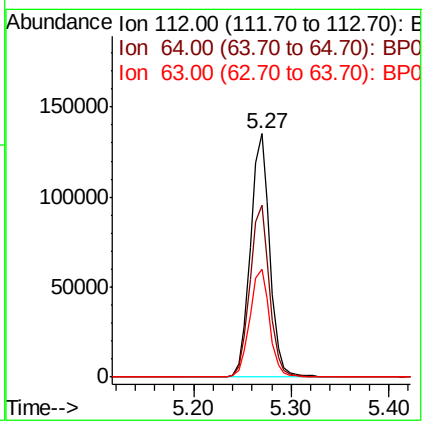


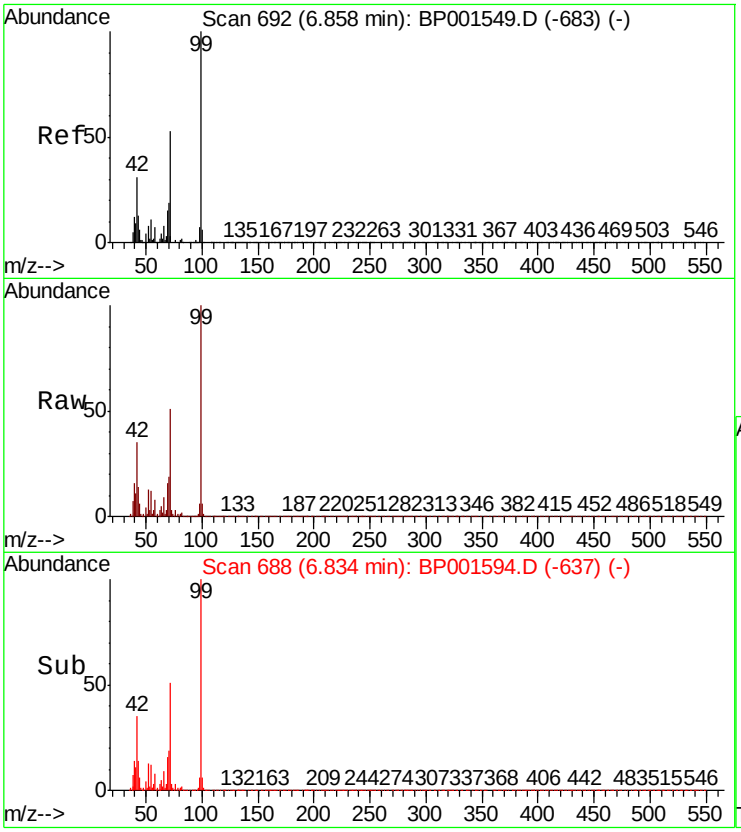


#5
2-Fluorophenol
Concen: 141.608 ng
RT: 5.27 min Scan# 422
Delta R.T. 0.01 min
Lab File: BP001594.D
Acq: 14 Jan 2020 18:59

Tgt Ion:112 Resp: 189283

Ion	Ratio	Lower	Upper
112	100		
64	70.6	52.8	79.2
63	44.2	33.1	49.7



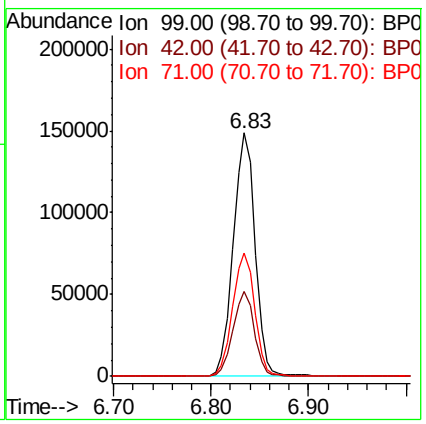


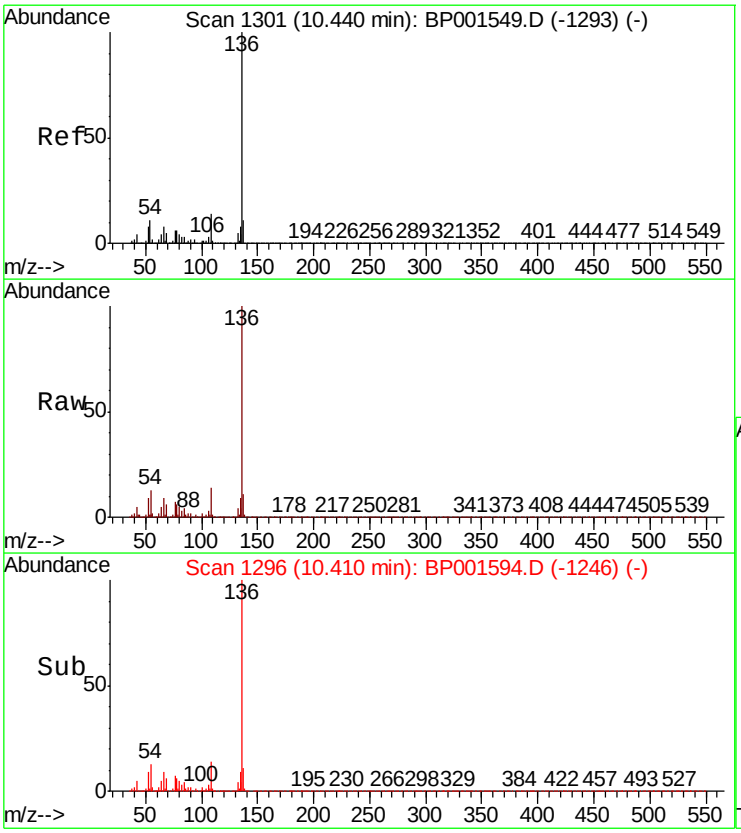
#7
Phenol-d6
Concen: 108.604 ng
RT: 6.83 min Scan# 688
Delta R.T. -0.00 min
Lab File: BP001594.D
Acq: 14 Jan 2020 18:59

Instrument :
BNA_P
ClientSampleId :
OR-03-011020

Tgt Ion: 99 Resp: 232005

Ion	Ratio	Lower	Upper
99	100		
42	34.7	24.5	36.7
71	50.9	42.4	63.6

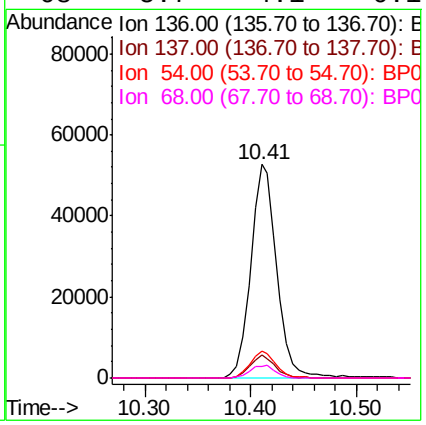


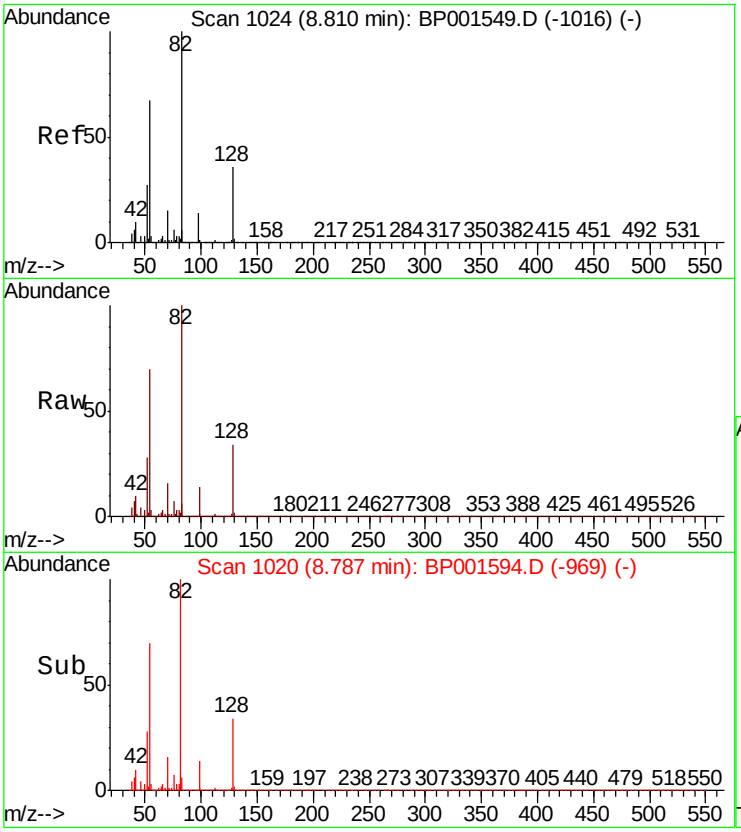


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BP001594.D
Acq: 14 Jan 2020 18:59

Tgt Ion:136 Resp: 90118

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	12.8	9.2	13.8
68	5.7	4.1	6.1



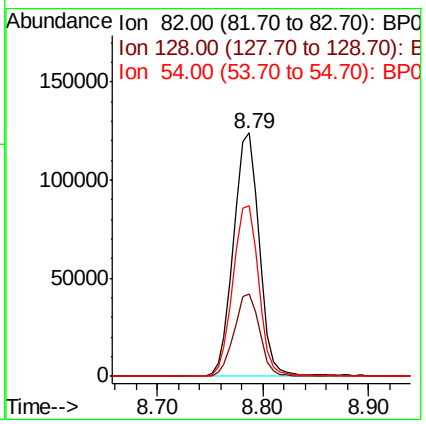


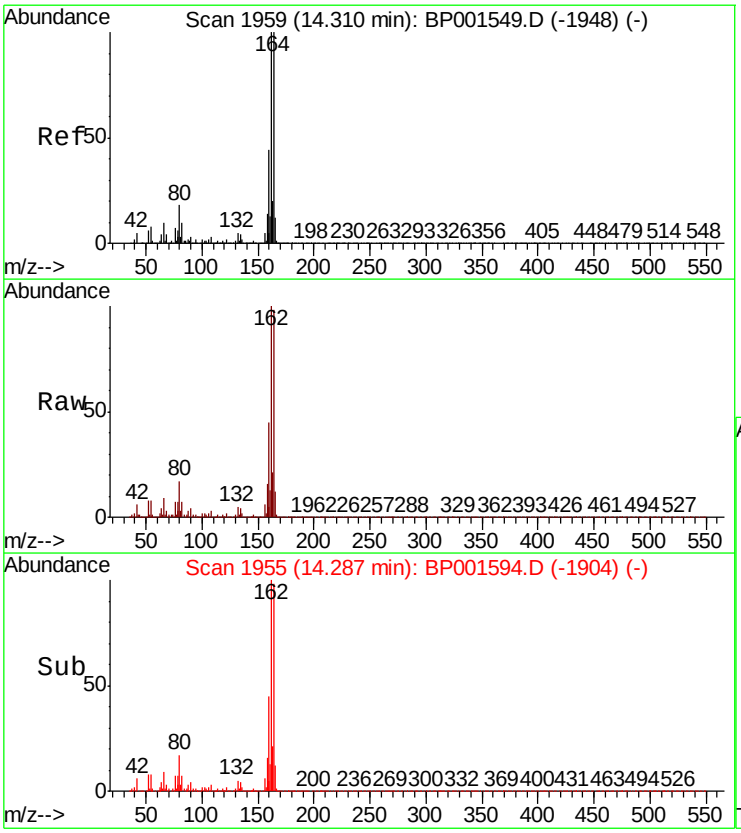
#23
Nitrobenzene-d5
Concen: 101.416 ng
RT: 8.79 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BP001594.D
Acq: 14 Jan 2020 18:59

Instrument :
BNA_P
ClientSampleId :
OR-03-011020

Tgt Ion: 82 Resp: 209152

Ion	Ratio	Lower	Upper
82	100		
128	33.9	28.4	42.6
54	70.3	53.4	80.2

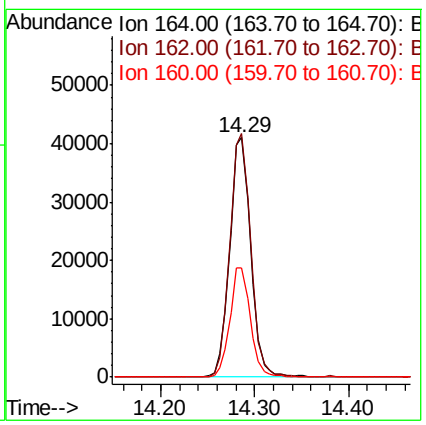


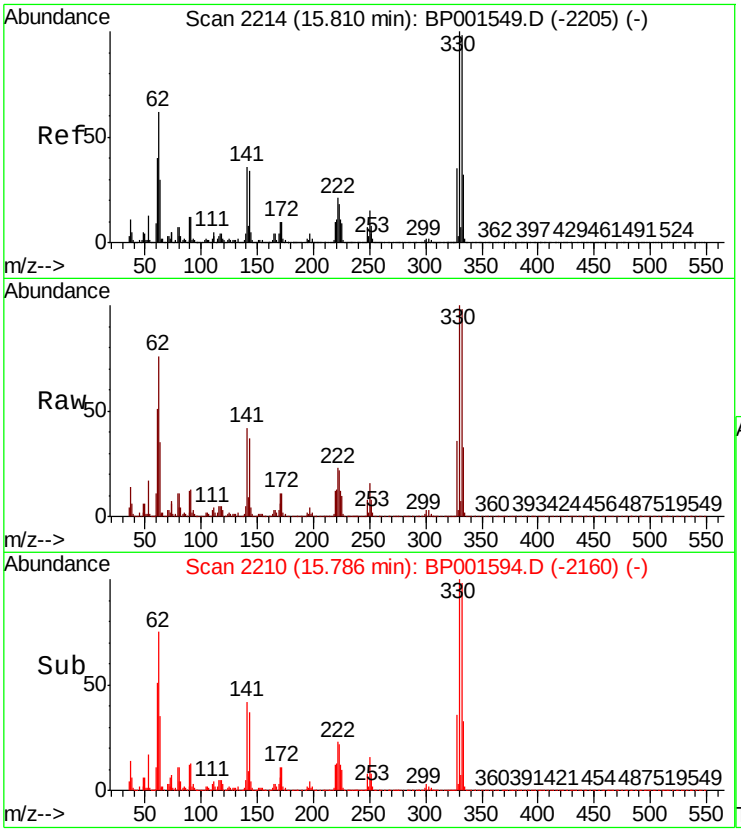


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BP001594.D
Acq: 14 Jan 2020 18:59

Tgt Ion:164 Resp: 63562

Ion	Ratio	Lower	Upper
164	100		
162	101.7	79.8	119.6
160	45.8	35.0	52.6



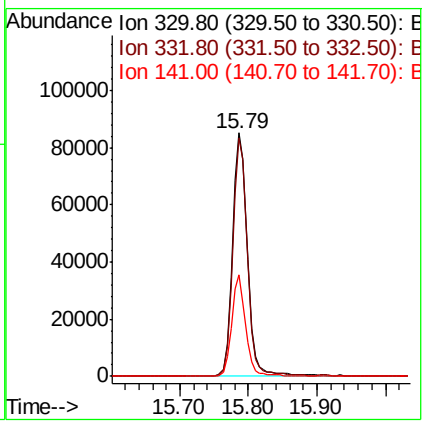


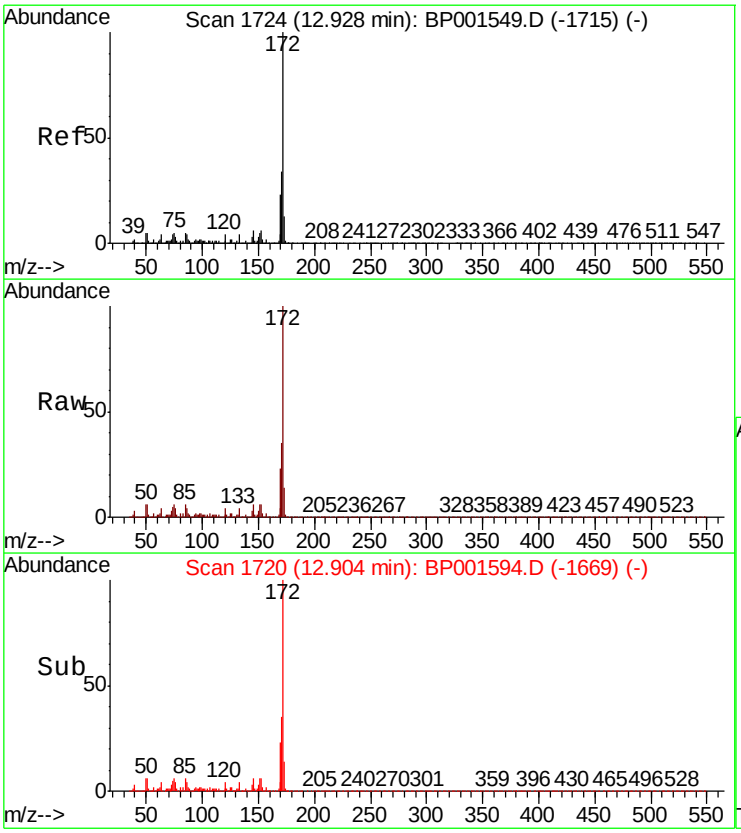
#42
2,4,6-Tribromophenol
Concen: 131.602 ng
RT: 15.79 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BP001594.D
Acq: 14 Jan 2020 18:59

Instrument :
BNA_P
ClientSampleId :
OR-03-011020

Tgt Ion:330 Resp: 127330

Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.8	116.6
141	39.1	28.7	43.1

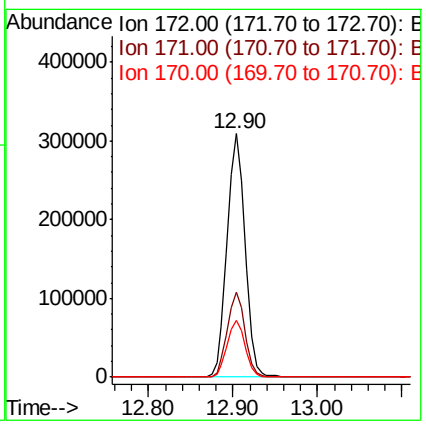


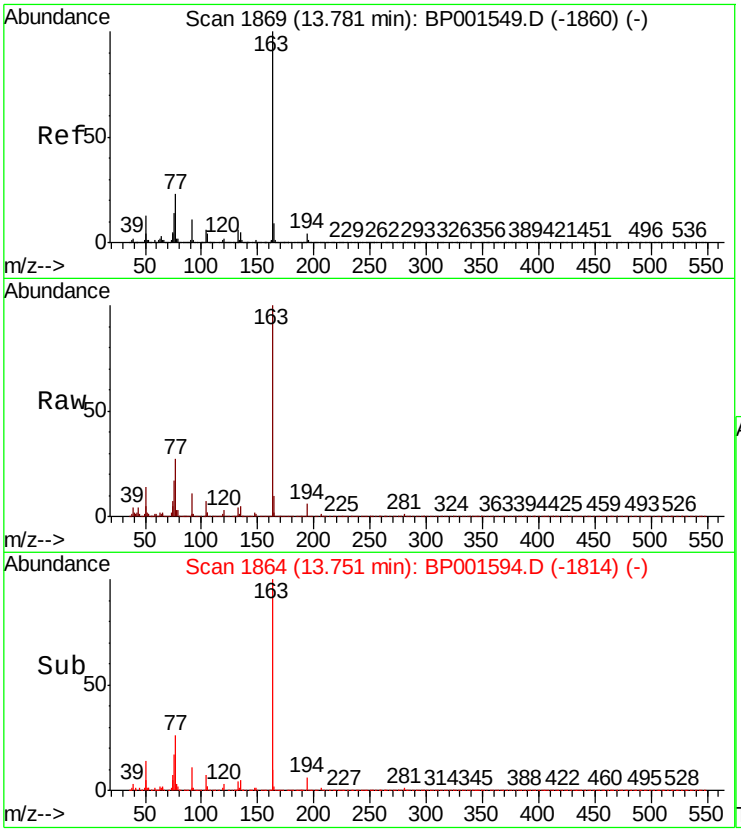


#45
2-Fluorobiphenyl
Concen: 104.567 ng
RT: 12.90 min Scan# 1720
Delta R.T. -0.00 min
Lab File: BP001594.D
Acq: 14 Jan 2020 18:59

Tgt Ion:172 Resp: 452057

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.6	41.4
170	23.5	18.3	27.5



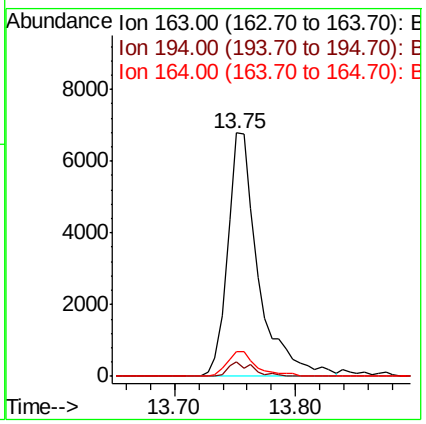


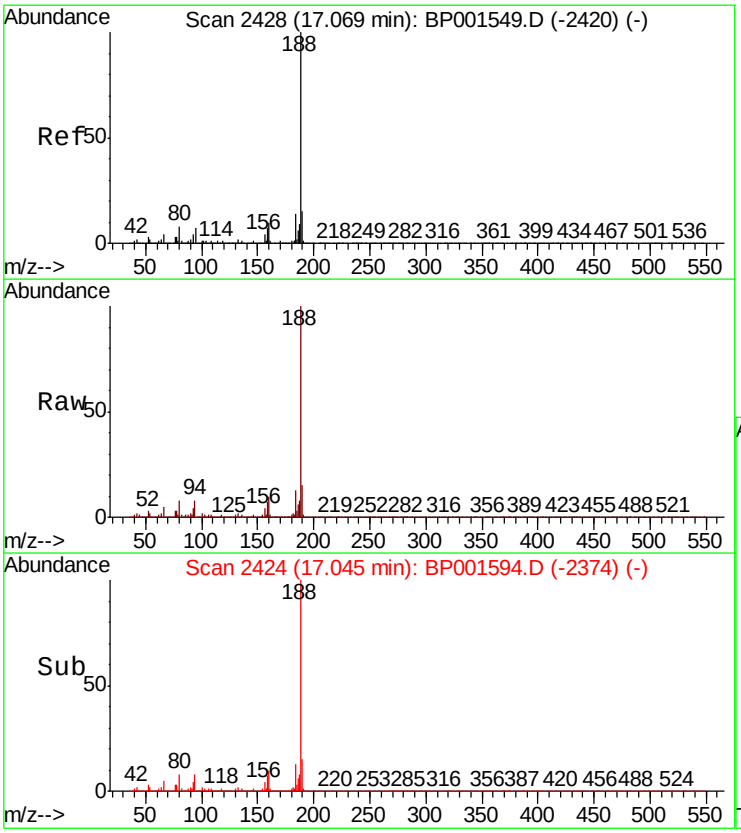
#50
Dimethylphthalate
Concen: 2.295 ng
RT: 13.75 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BP001594.D
Acq: 14 Jan 2020 18:59

Instrument :
BNA_P
ClientSampleId :
OR-03-011020

Tgt Ion:163 Resp: 12017

Ion	Ratio	Lower	Upper
163	100		
194	5.7	3.6	5.4#
164	10.0	7.5	11.3

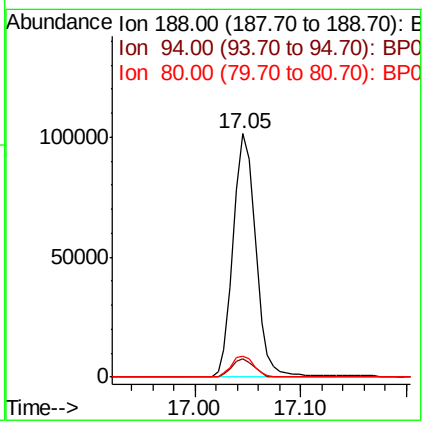


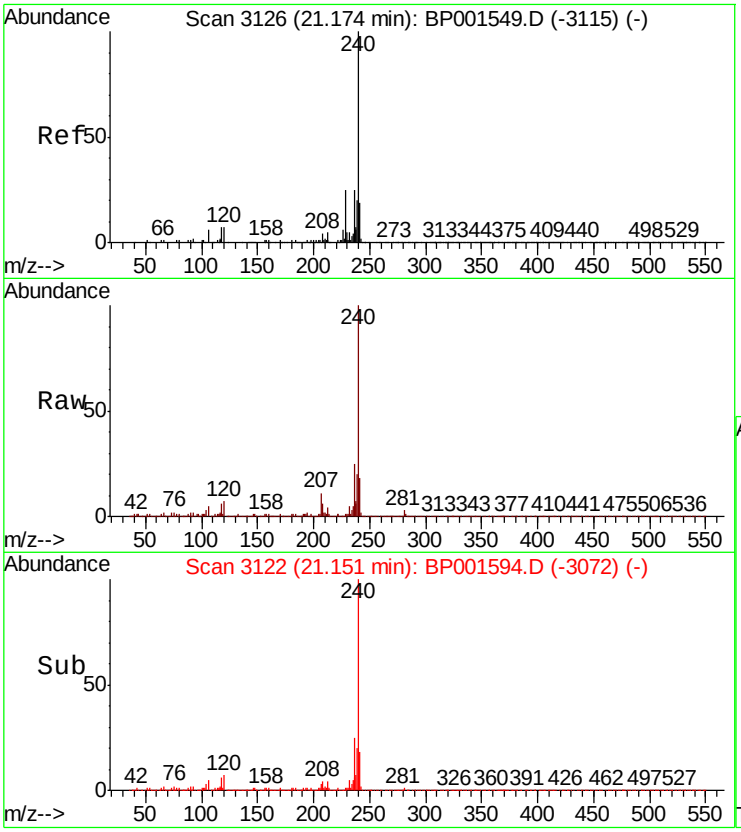


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BP001594.D
Acq: 14 Jan 2020 18:59

Tgt Ion:188 Resp: 150071

Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.9	8.9
80	8.4	6.8	10.2



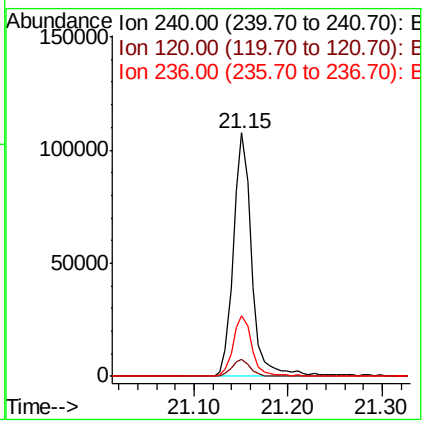


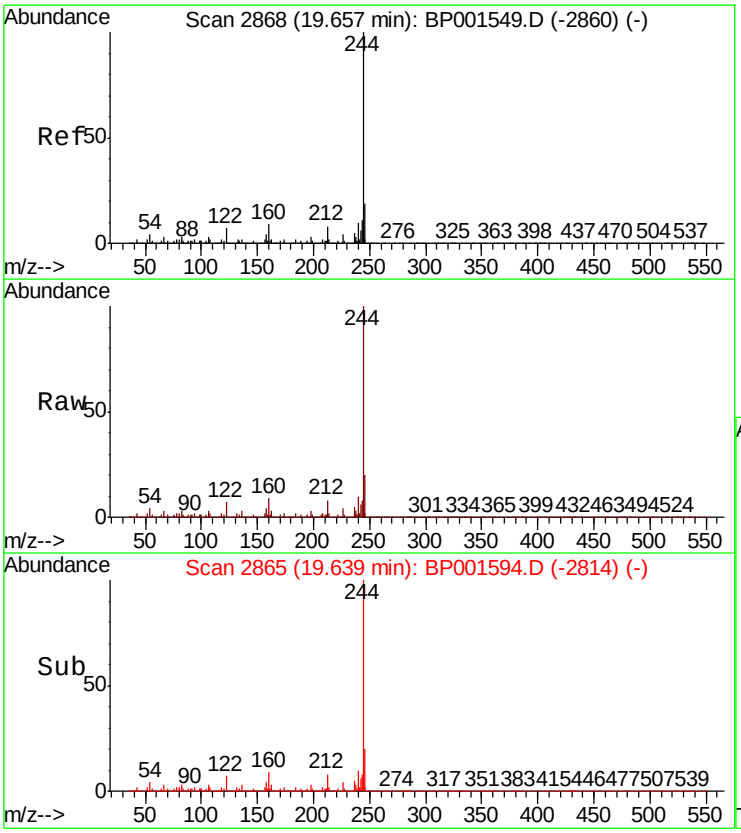
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BP001594.D
Acq: 14 Jan 2020 18:59

Instrument :
BNA_P
ClientSampleId :
OR-03-011020

Tgt Ion:240 Resp: 145126

Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.7	8.5
236	25.1	20.4	30.6

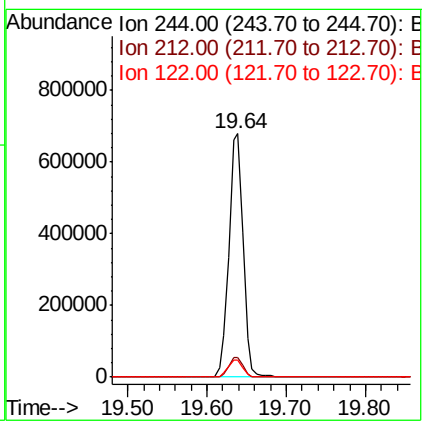


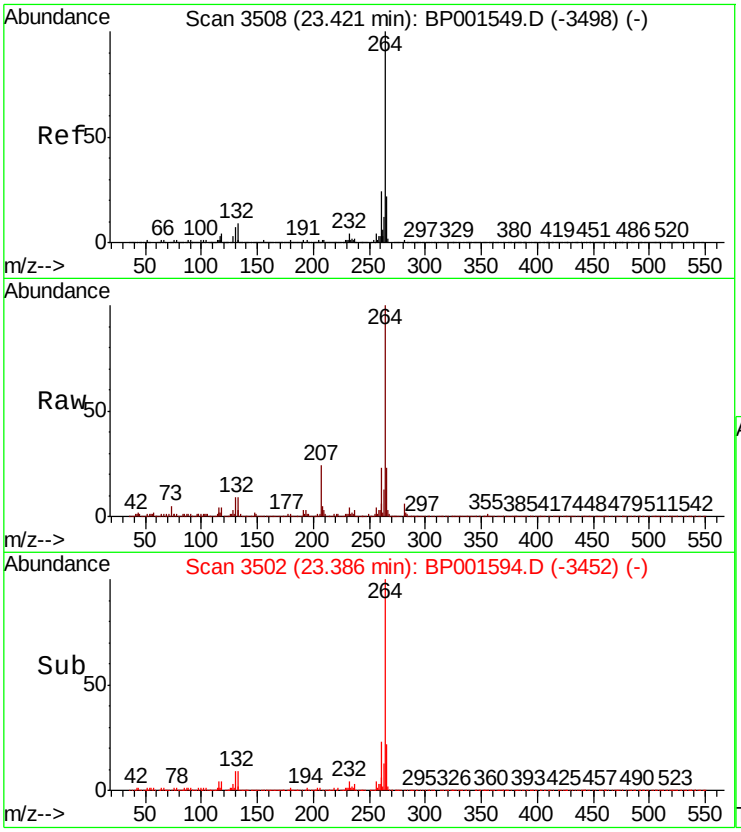


#79
Terphenyl-d14
Concen: 106.838 ng
RT: 19.64 min Scan# 2865
Delta R.T. -0.00 min
Lab File: BP001594.D
Acq: 14 Jan 2020 18:59

Tgt Ion:244 Resp: 847713

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.3	9.5
122	7.0	5.8	8.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.39 min Scan# 3502
Delta R.T. -0.01 min
Lab File: BP001594.D
Acq: 14 Jan 2020 18:59

Instrument :
BNA_P
ClientSampleId :
OR-03-011020

Tgt Ion:264 Resp: 150431

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	22.7	18.2	27.4