Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001440.D
Acq On : 27 Dec 2019 02:55
Operator : JU
Sample : PB125736TB
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125736TB

Quant Time: Dec 27 11:32:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 16:04:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	25482	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	88498	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	55944	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	113090	20.00	ng	0.00
76) Chrysene-d12	19.22	240	90018	20.00	ng	-0.01
87) Perylene-d12	20.99	264	93565	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	212023	134.48	ng	0.01
7) Phenol-d6	7.76	99	270753	131.60	ng	0.00
23) Nitrobenzene-d5	9.17	82	196909	85.44	ng	0.00
42) 2,4,6-Tribromophenol	14.48	330	102251	146.19	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	427376	96.60	ng	0.00
79) Terphenyl-d14	17.86	244	566675	107.82	ng	0.00
Target Compounds						Qvalue
77) Benzidine	17.52	184	48443	18.483	ng	99

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

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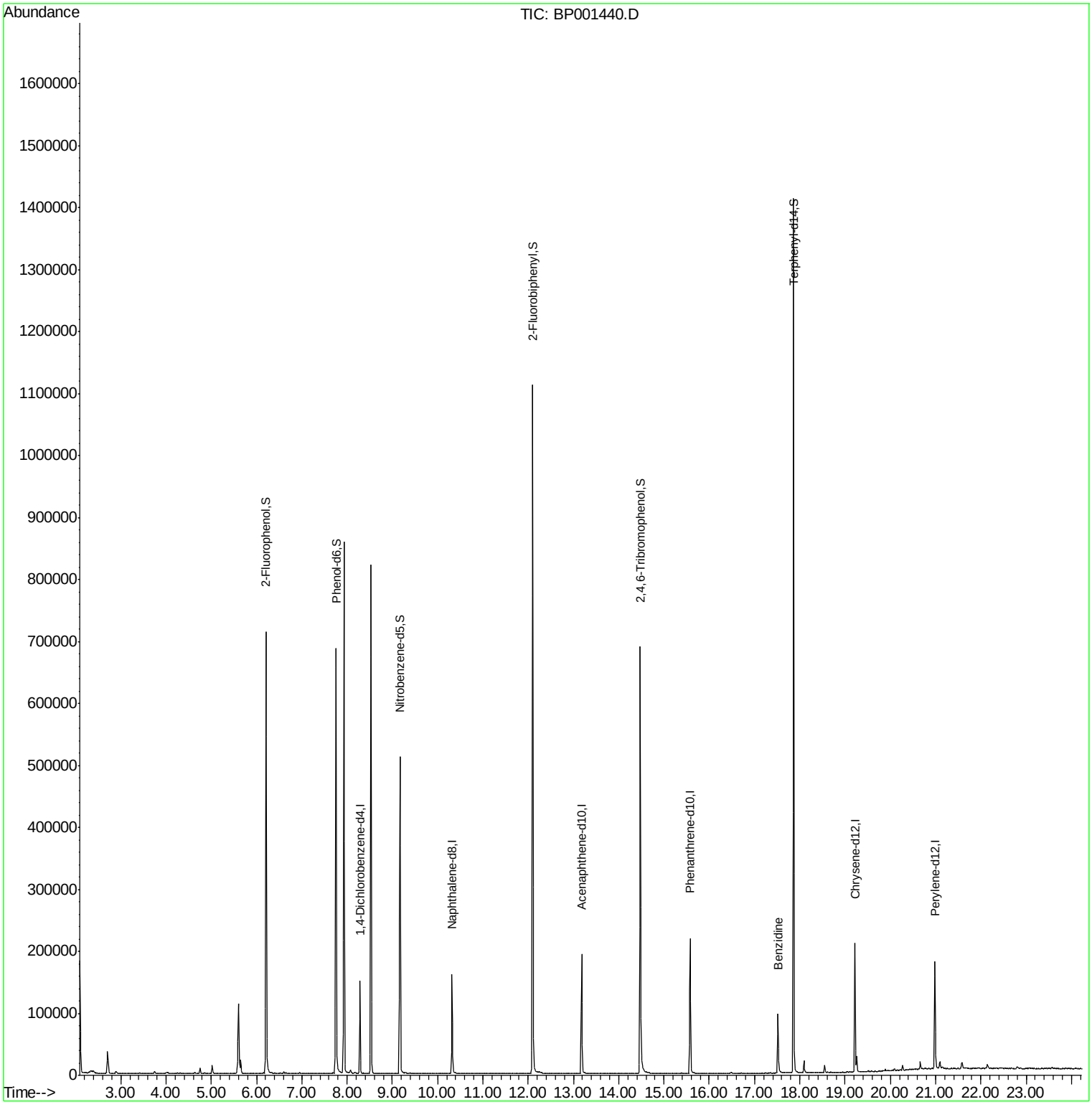
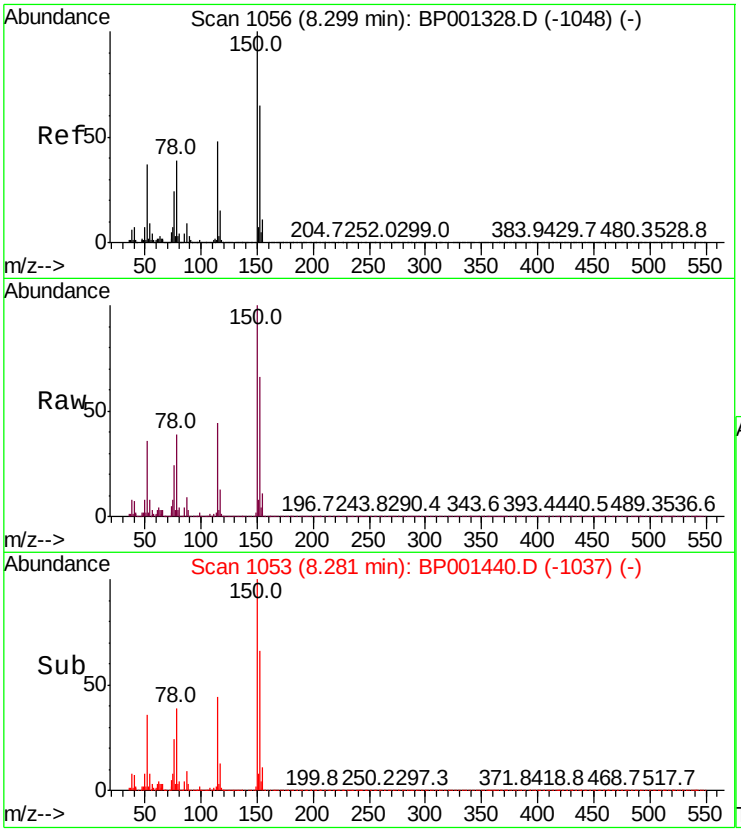


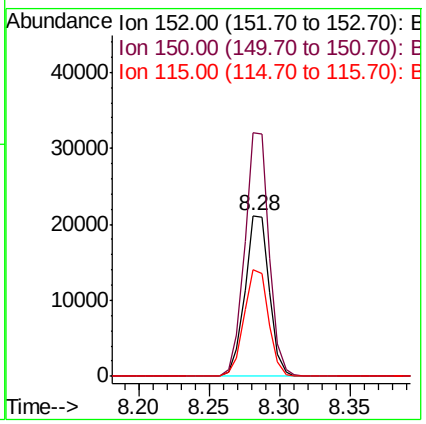


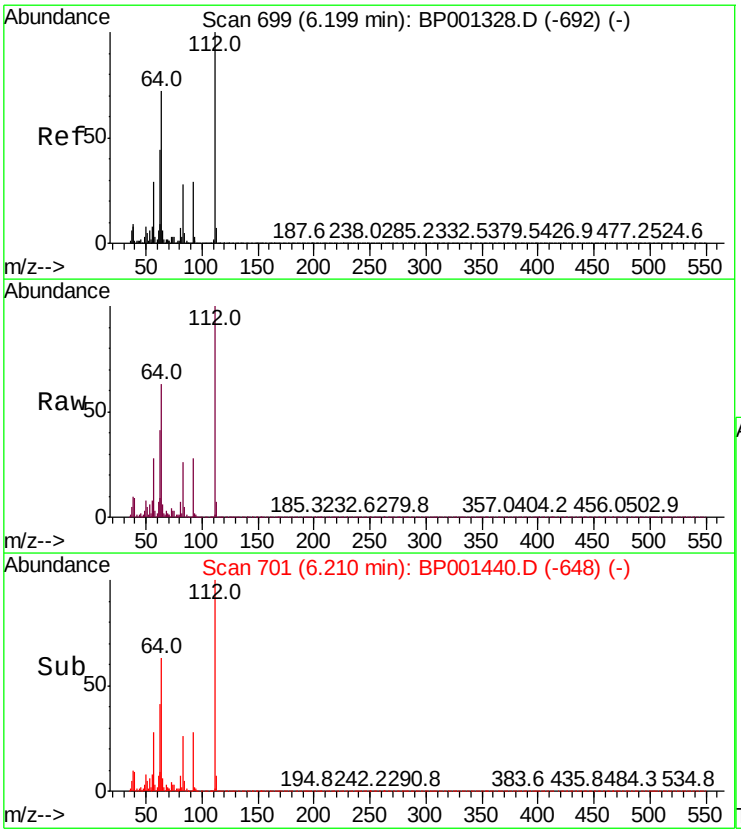
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BP001440.D
Acq: 27 Dec 2019 02:55

Instrument :
BNA_P
ClientSampleId :
PB125736TB

Tgt Ion:152 Resp: 25482

Ion	Ratio	Lower	Upper
152	100		
150	151.5	127.0	190.6
115	66.1	56.1	84.1

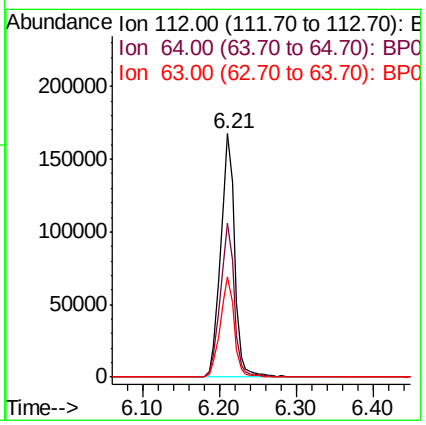


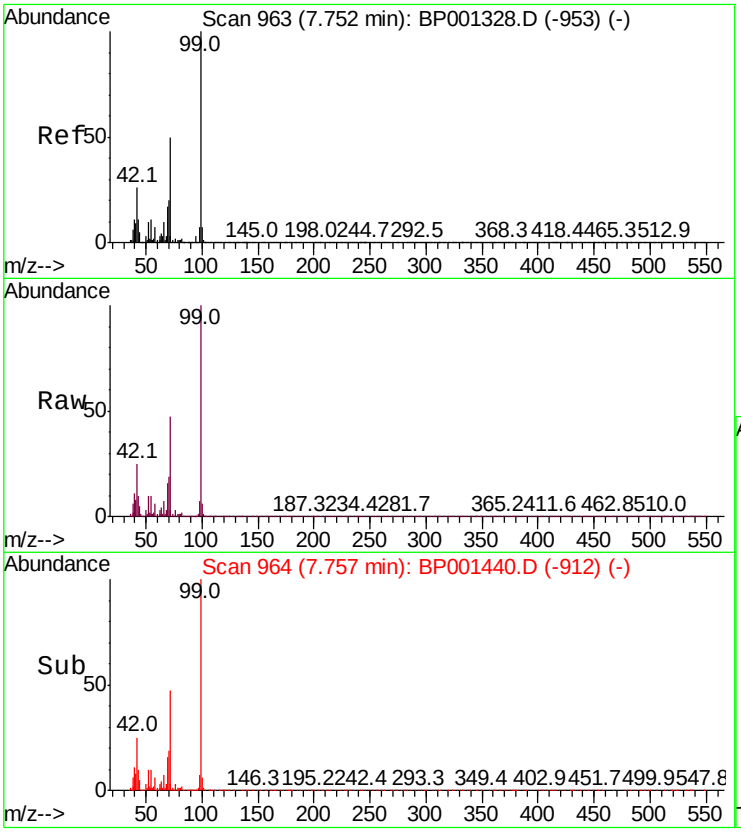


#5
2-Fluorophenol
Concen: 134.475 ng
RT: 6.21 min Scan# 701
Delta R.T. 0.01 min
Lab File: BP001440.D
Acq: 27 Dec 2019 02:55

Tgt Ion:112 Resp: 212023

Ion	Ratio	Lower	Upper
112	100		
64	63.1	53.9	80.9
63	41.4	33.4	50.0



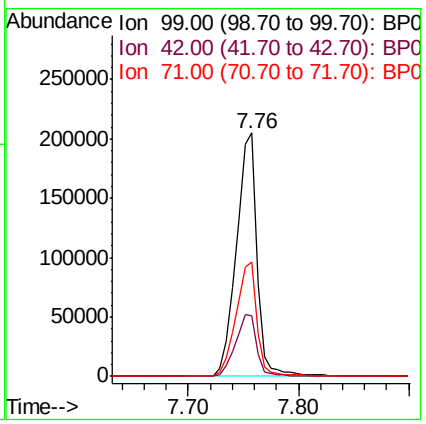


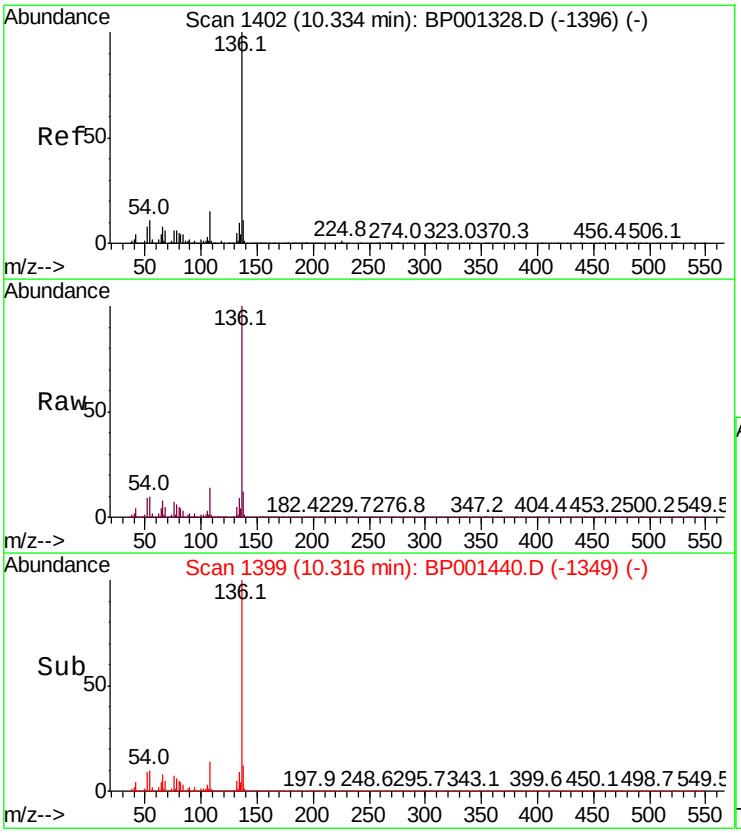
#7
Phenol-d6
Concen: 131.603 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.01 min
Lab File: BP001440.D
Acq: 27 Dec 2019 02:55

Instrument :
BNA_P
ClientSampleId :
PB125736TB

Tgt Ion: 99 Resp: 270753

Ion	Ratio	Lower	Upper
99	100		
42	24.9	20.8	31.2
71	47.0	38.2	57.4

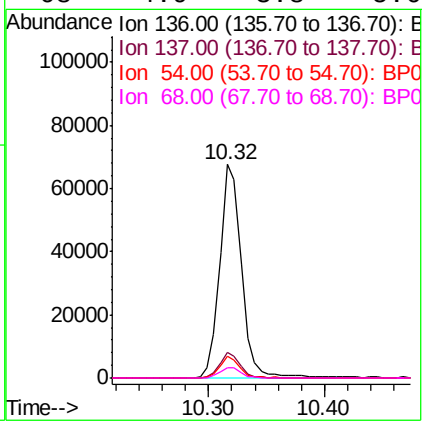


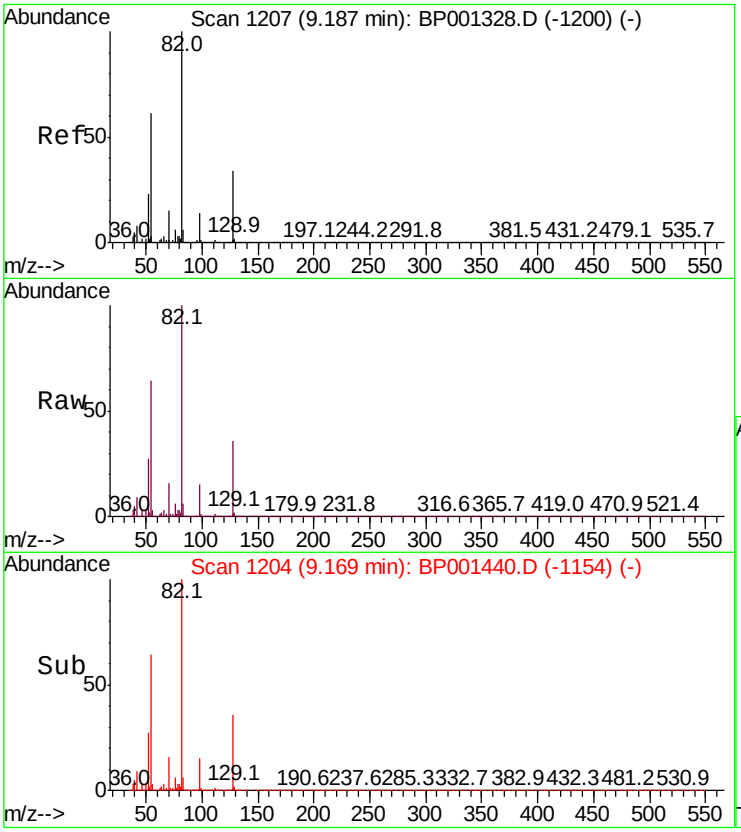


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001440.D
Acq: 27 Dec 2019 02:55

Tgt Ion:136 Resp: 88498

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.0	13.4
54	10.0	7.3	10.9
68	4.9	3.8	5.6



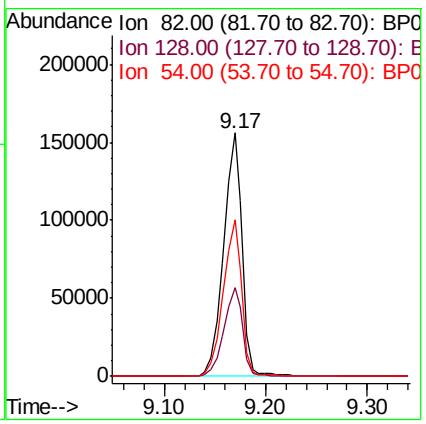


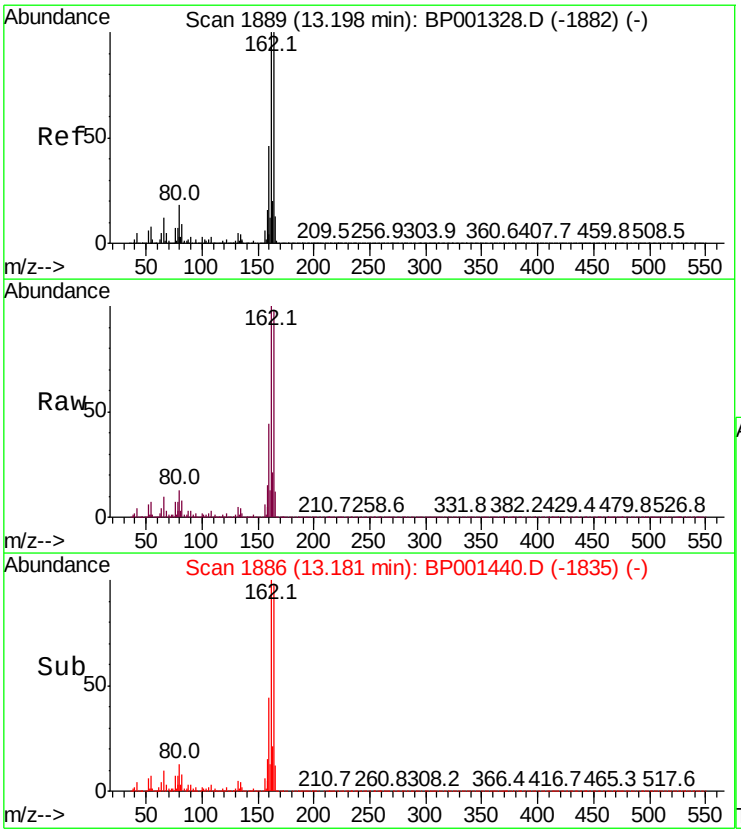
#23
Nitrobenzene-d5
Concen: 85.443 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001440.D
Acq: 27 Dec 2019 02:55

Instrument :
BNA_P
ClientSampleId :
PB125736TB

Tgt Ion: 82 Resp: 196909

Ion	Ratio	Lower	Upper
82	100		
128	36.3	27.4	41.0
54	64.1	47.5	71.3

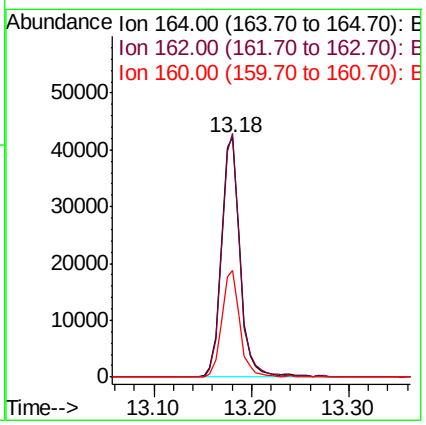


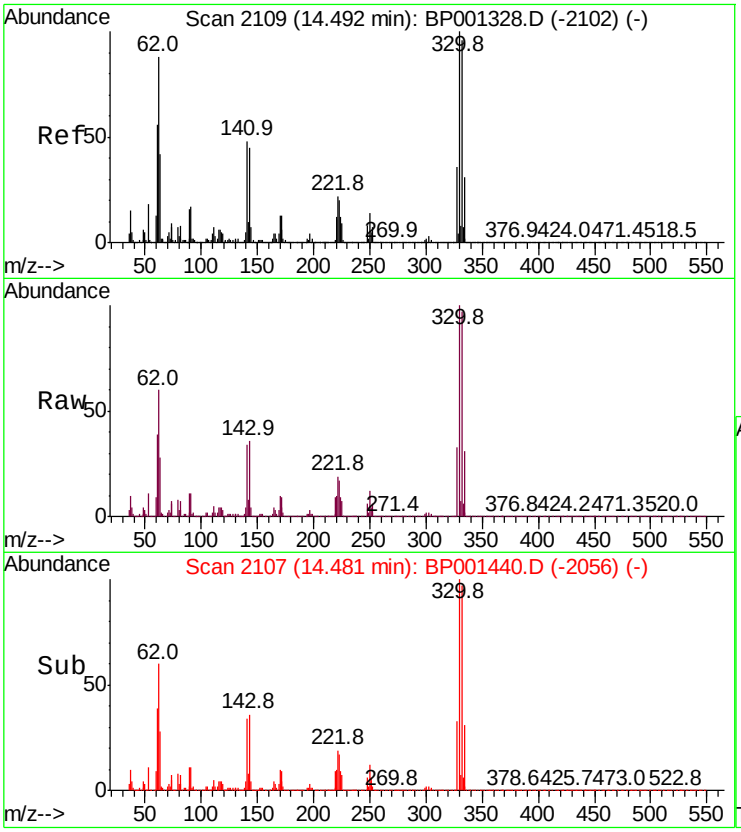


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.18 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BP001440.D
Acq: 27 Dec 2019 02:55

Tgt Ion:164 Resp: 55944

Ion	Ratio	Lower	Upper
164	100		
162	101.7	78.2	117.4
160	44.4	35.1	52.7



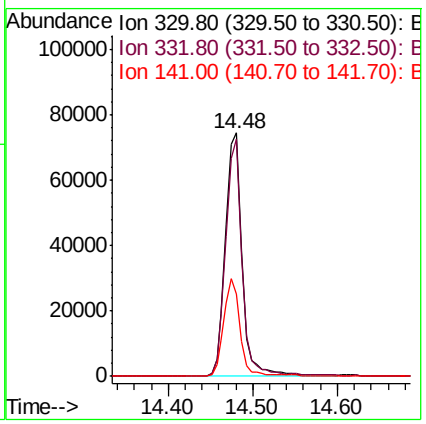


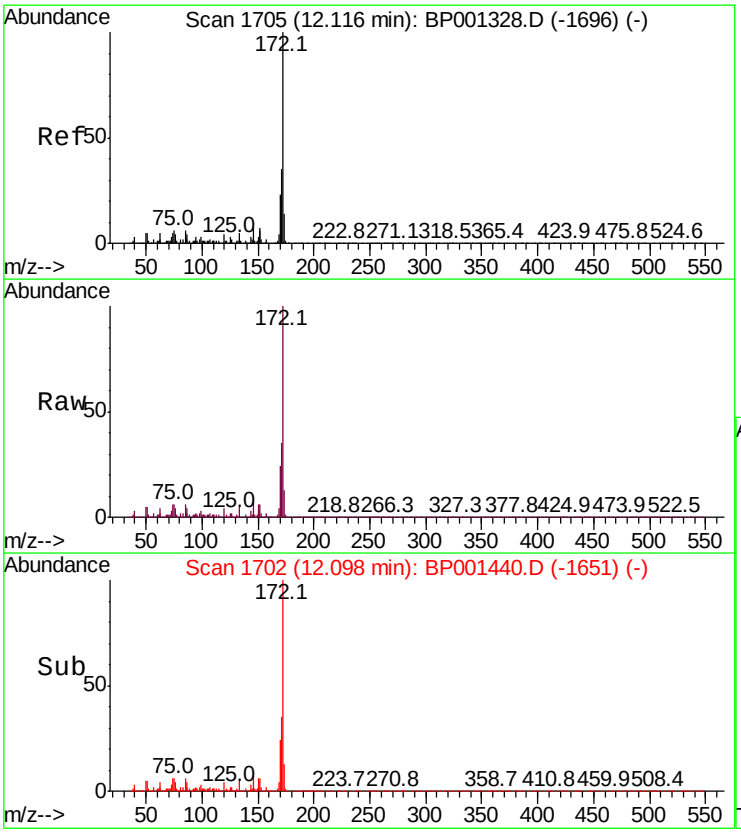
#42
2,4,6-Tribromophenol
Concen: 146.192 ng
RT: 14.48 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BP001440.D
Acq: 27 Dec 2019 02:55

Instrument :
BNA_P
ClientSampleId :
PB125736TB

Tgt Ion:330 Resp: 102251

Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.3	117.5
141	40.0	26.8	40.2

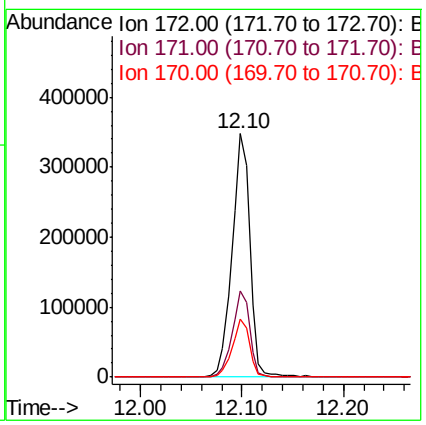


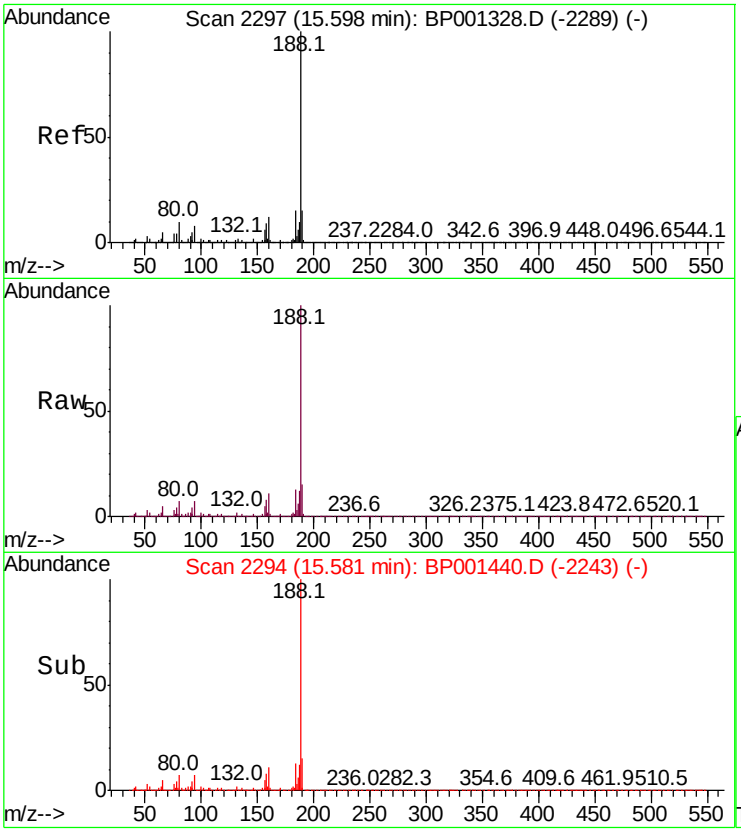


#45
2-Fluorobiphenyl
Concen: 96.599 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001440.D
Acq: 27 Dec 2019 02:55

Tgt Ion:172 Resp: 427376

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.4	41.0
170	23.7	18.2	27.4



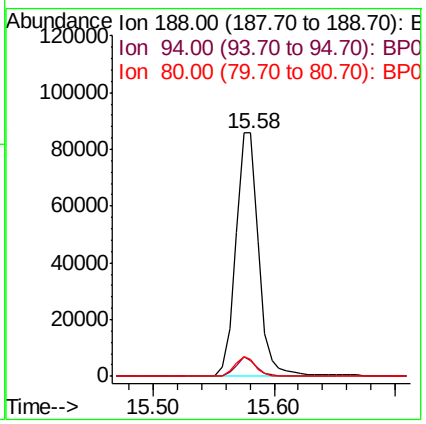


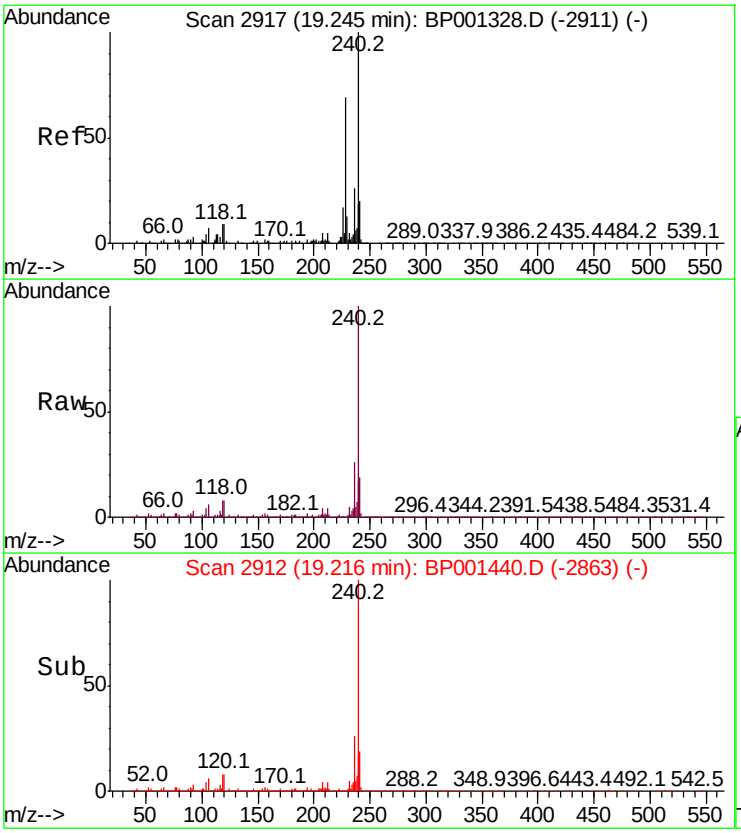
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BP001440.D
Acq: 27 Dec 2019 02:55

Instrument :
BNA_P
ClientSampleId :
PB125736TB

Tgt Ion:188 Resp: 113090

Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.8	8.8
80	6.8	5.7	8.5

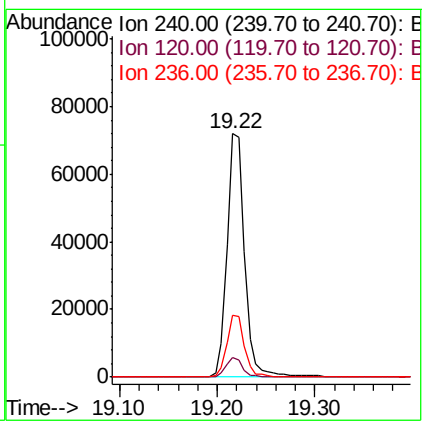


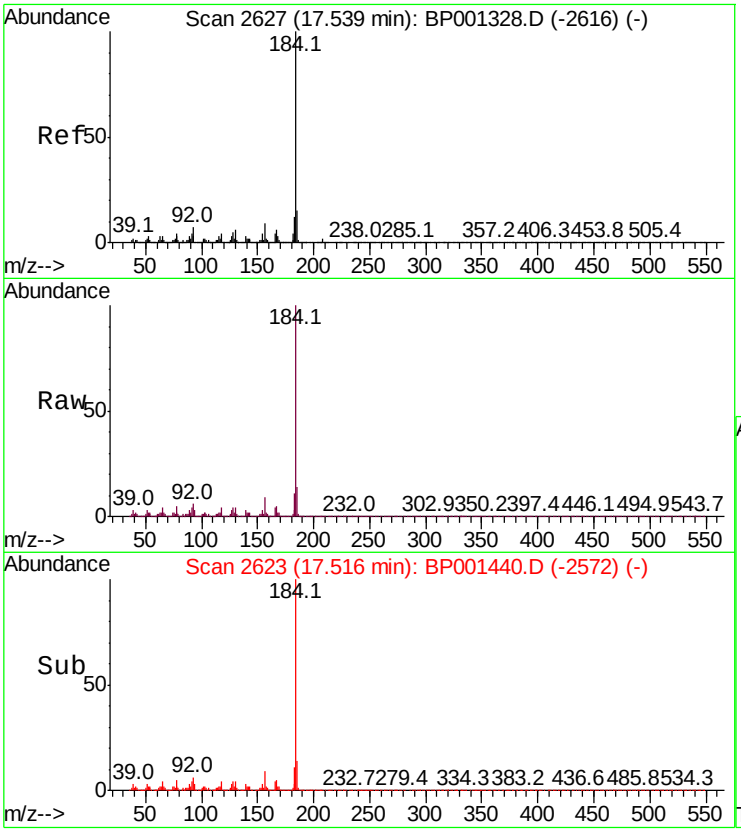


#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.22 min Scan# 2912
Delta R.T. -0.01 min
Lab File: BP001440.D
Acq: 27 Dec 2019 02:55

Tgt Ion:240 Resp: 90018

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.2	9.2
236	25.6	20.2	30.2



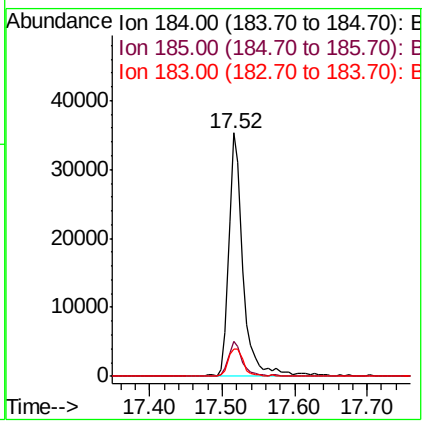


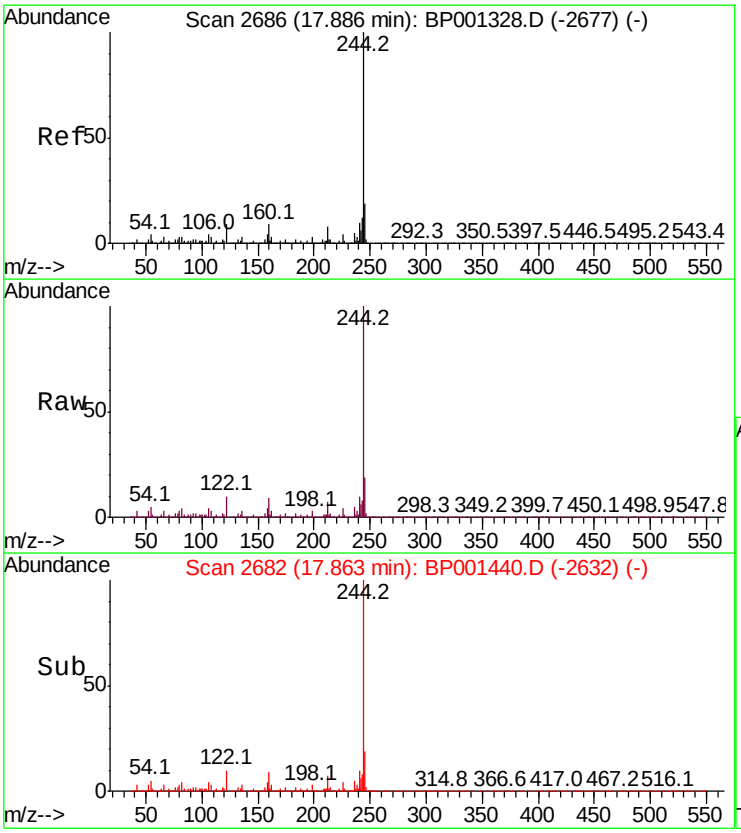
#77
Benzidine
Concen: 18.483 ng
RT: 17.52 min Scan# 2623
Delta R.T. -0.00 min
Lab File: BP001440.D
Acq: 27 Dec 2019 02:55

Instrument :
BNA_P
ClientSampleId :
PB125736TB

Tgt Ion:184 Resp: 48443

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.8	17.8
183	11.2	9.6	14.4

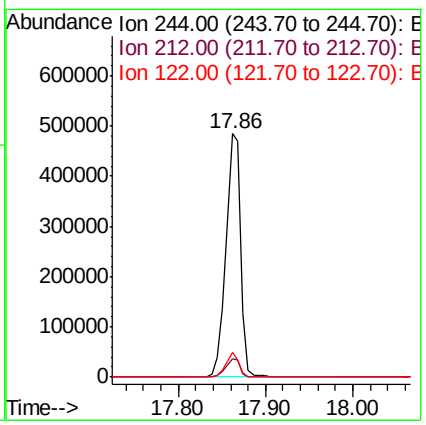


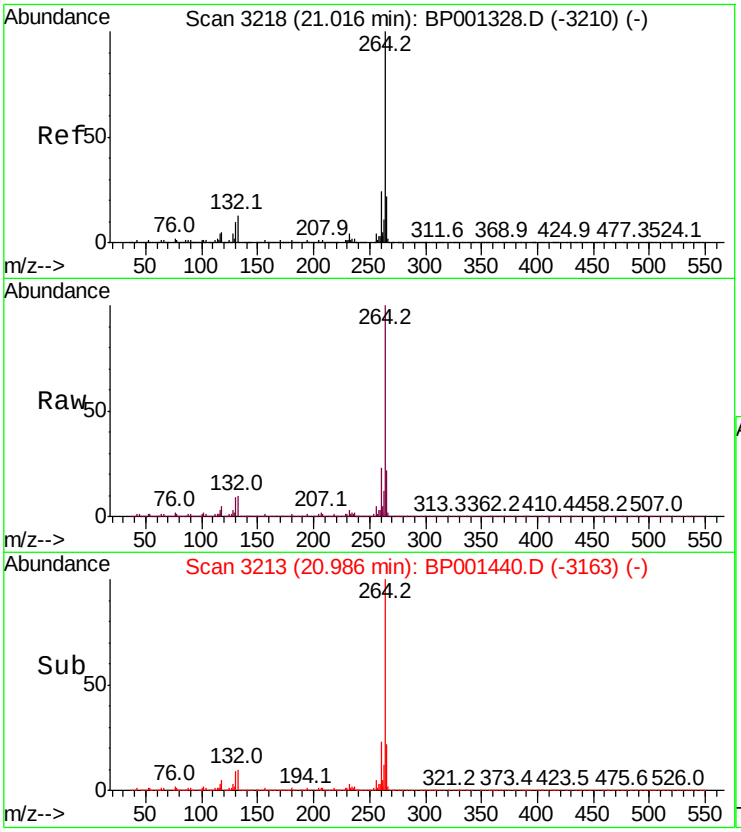


#79
Terphenyl-d14
Concen: 107.821 ng
RT: 17.86 min Scan# 2682
Delta R.T. -0.01 min
Lab File: BP001440.D
Acq: 27 Dec 2019 02:55

Tgt Ion:244 Resp: 566675

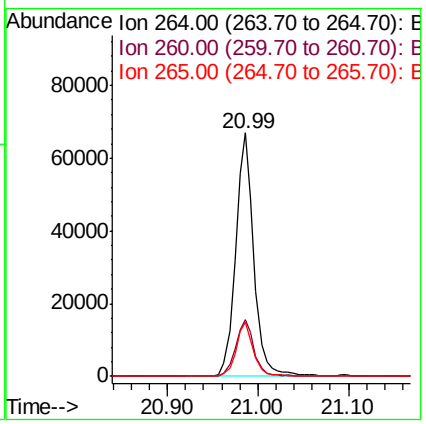
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	10.0	6.4	9.6#





#87
Perylene-d12
Concen: 20.000 ng
RT: 20.99 min Scan# 3213
Delta R.T. -0.01 min
Lab File: BP001440.D
Acq: 27 Dec 2019 02:55

Instrument :
BNA_P
ClientSampleId :
PB125736TB

Tgt Ion:264 Resp: 93565

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	22.2	17.0	25.4