Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121019\
Data File : BP001302.D
Acq On : 10 Dec 2019 18:54
Operator : JU
Sample : K6111-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-01-120619

Quant Time: Dec 11 04:52:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	67394	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	244388	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	148082	20.00	ng	-0.01
64) Phenanthrene-d10	15.60	188	308786	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	241827	20.00	ng	-0.02
87) Perylene-d12	21.02	264	245718	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	560174	137.90	ng	0.02
7) Phenol-d6	7.76	99	696109	128.63	ng	0.00
23) Nitrobenzene-d5	9.19	82	608112	107.96	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	278420	196.16	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	1077120	106.46	ng	-0.01
79) Terphenyl-d14	17.89	244	1558516	119.23	ng	0.00
Target Compounds						Qvalue
77) Benzidine	17.53	184	157903	25.290	ng	98

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

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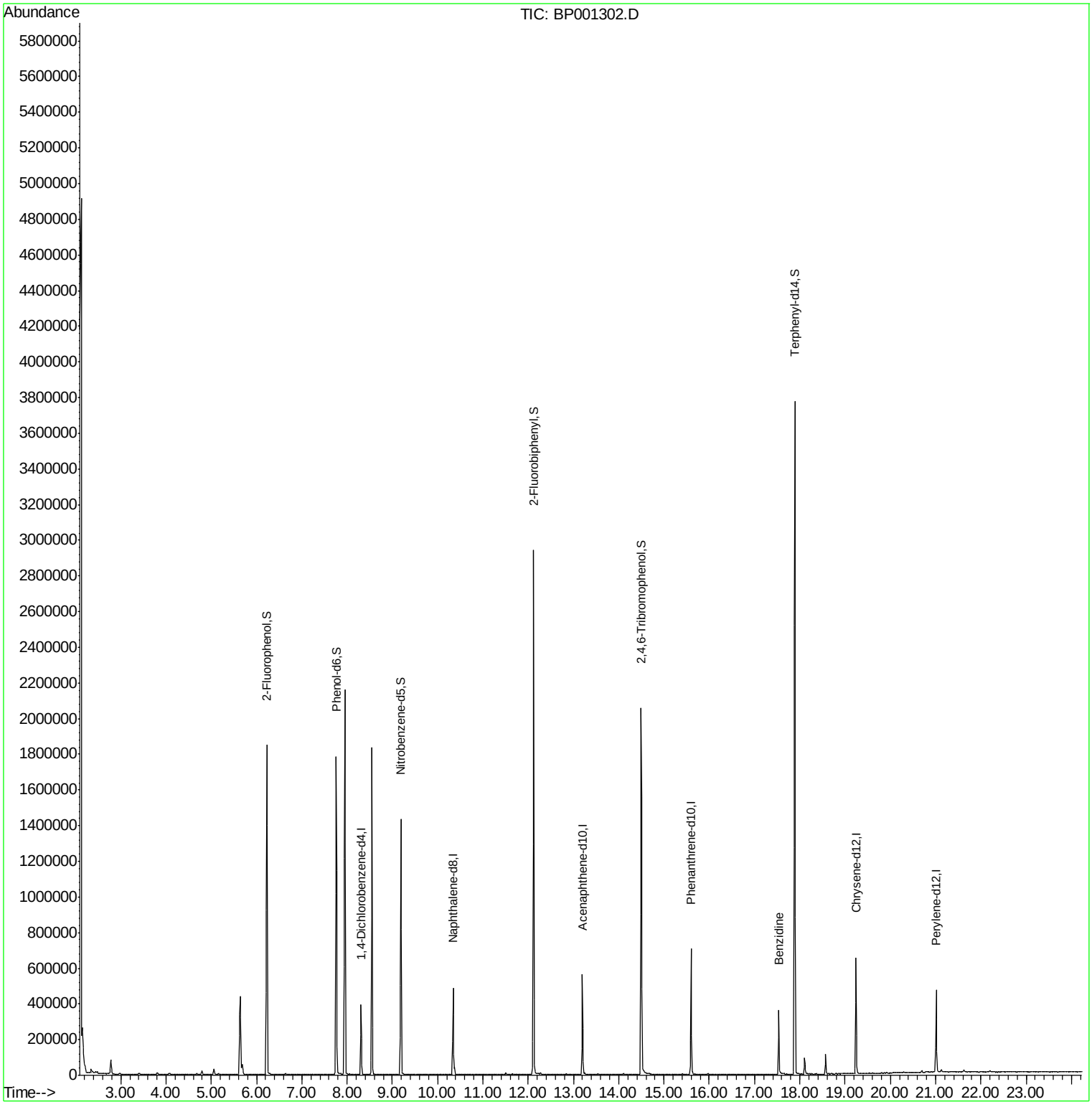
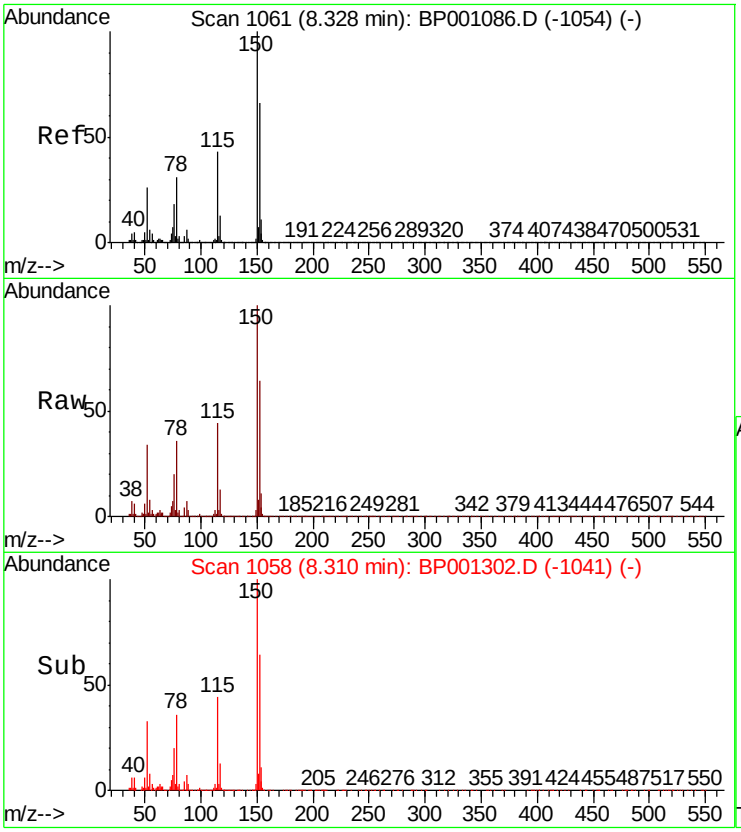


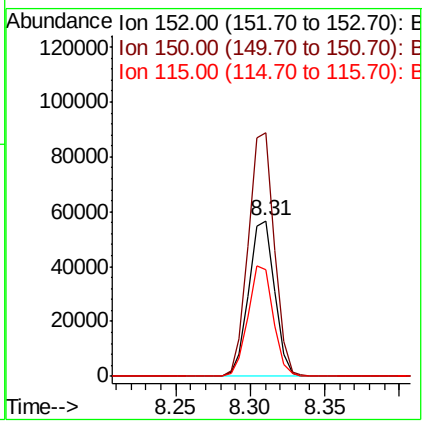


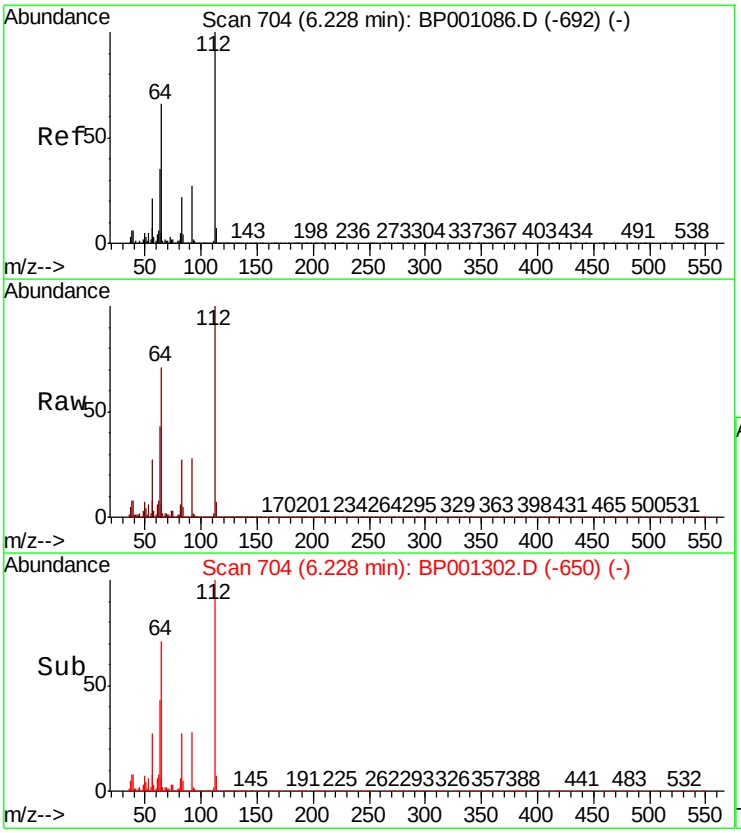
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BP001302.D
Acq: 10 Dec 2019 18:54

Instrument :
BNA_P
ClientSampleId :
CL-01-120619

Tgt Ion:152 Resp: 67394

Ion	Ratio	Lower	Upper
152	100		
150	156.4	127.3	190.9
115	68.3	56.0	84.0

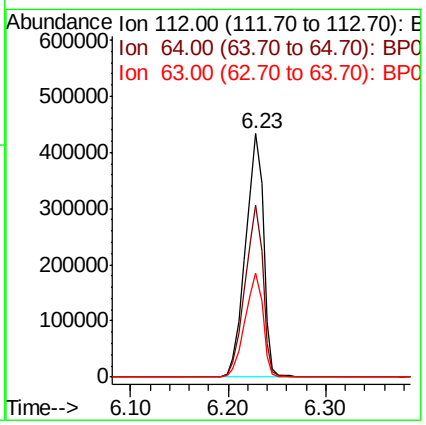


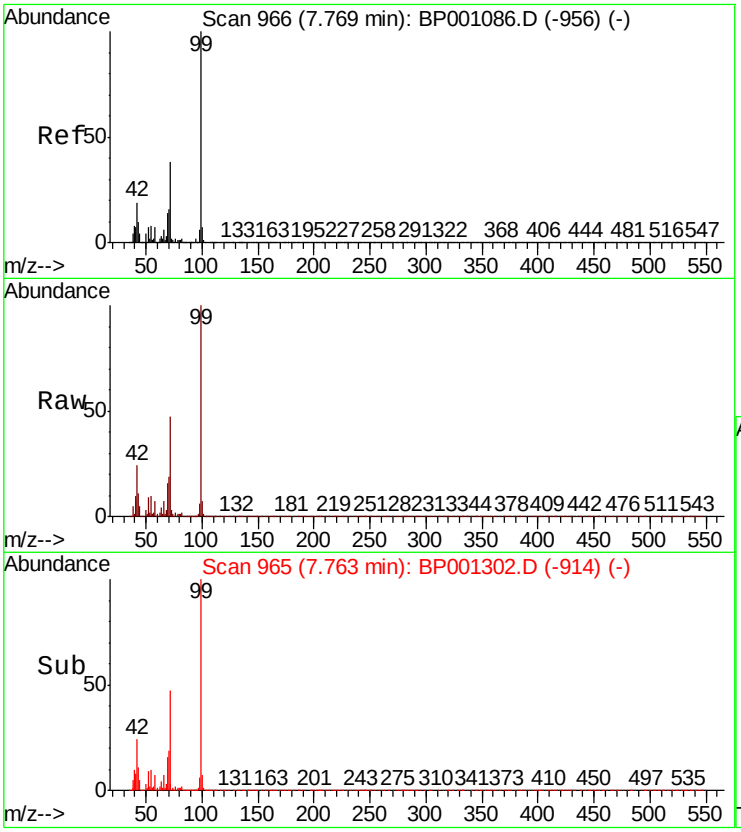


#5
2-Fluorophenol
Concen: 137.902 ng
RT: 6.23 min Scan# 704
Delta R.T. 0.02 min
Lab File: BP001302.D
Acq: 10 Dec 2019 18:54

Tgt Ion:112 Resp: 560174

Ion	Ratio	Lower	Upper
112	100		
64	70.6	56.8	85.2
63	42.7	32.2	48.2



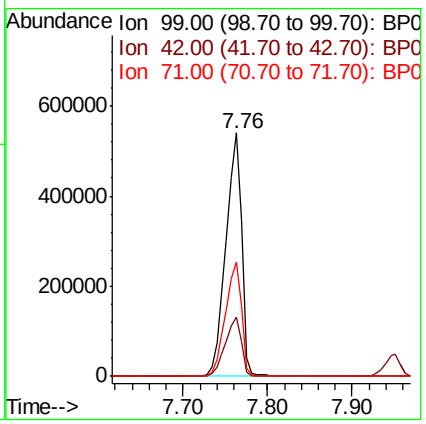


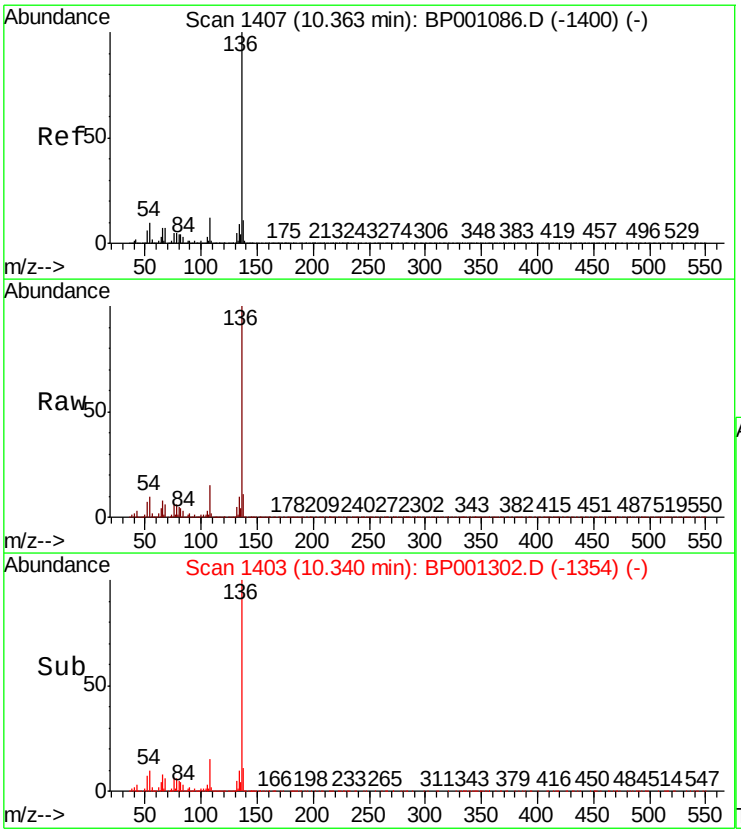
#7
Phenol-d6
Concen: 128.629 ng
RT: 7.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BP001302.D
Acq: 10 Dec 2019 18:54

Instrument :
BNA_P
ClientSampleId :
CL-01-120619

Tgt Ion: 99 Resp: 696109

Ion	Ratio	Lower	Upper
99	100		
42	24.5	17.6	26.4
71	47.1	33.8	50.8

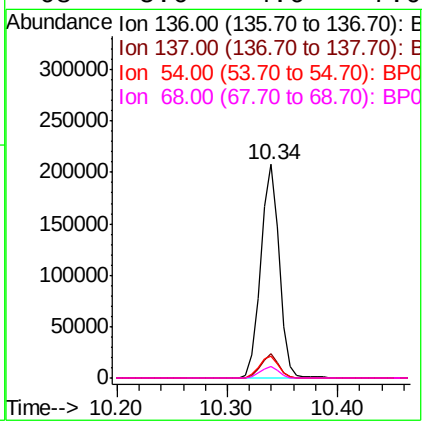


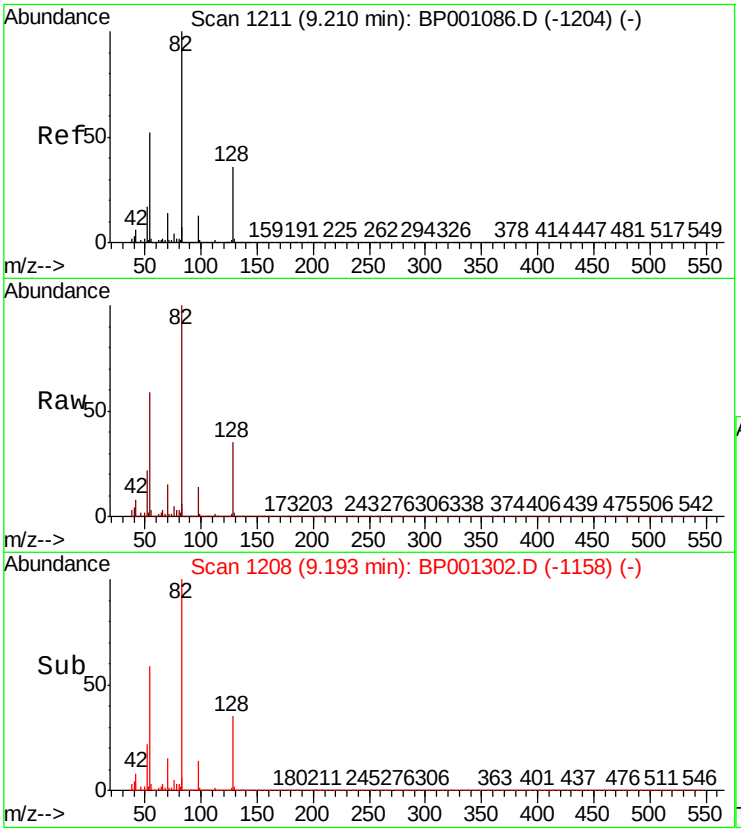


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 18:54

Tgt Ion:136 Resp: 244388

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	10.4	7.4	11.0
68	5.6	4.6	7.0



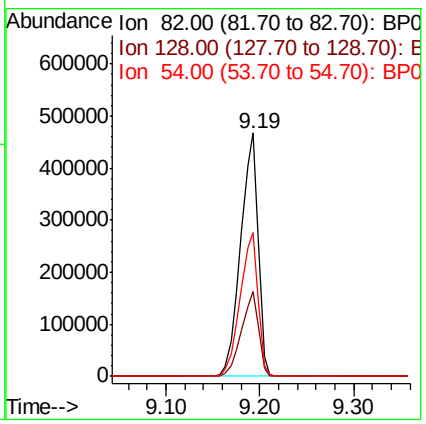


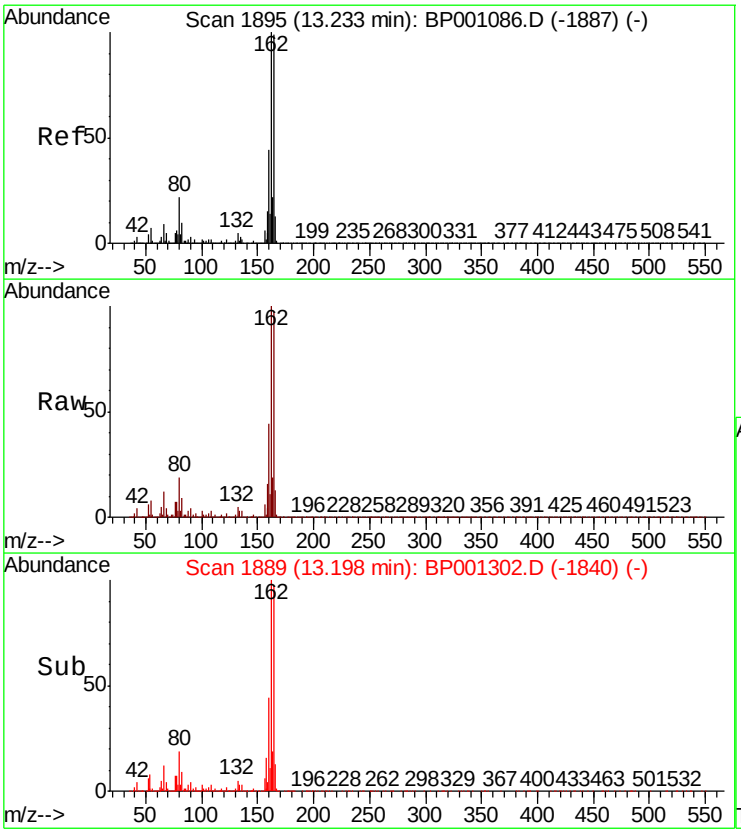
#23
Nitrobenzene-d5
Concen: 107.957 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 18:54

Instrument :
BNA_P
ClientSampleId :
CL-01-120619

Tgt Ion: 82 Resp: 608112

Ion	Ratio	Lower	Upper
82	100		
128	35.1	27.5	41.3
54	59.3	45.7	68.5

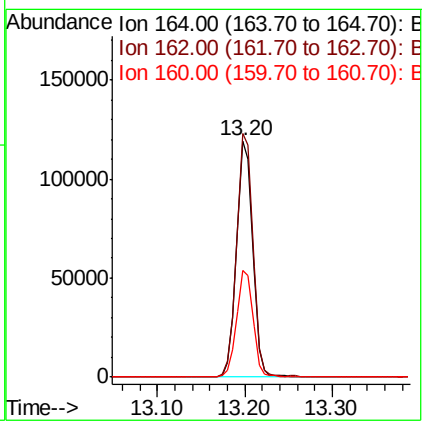


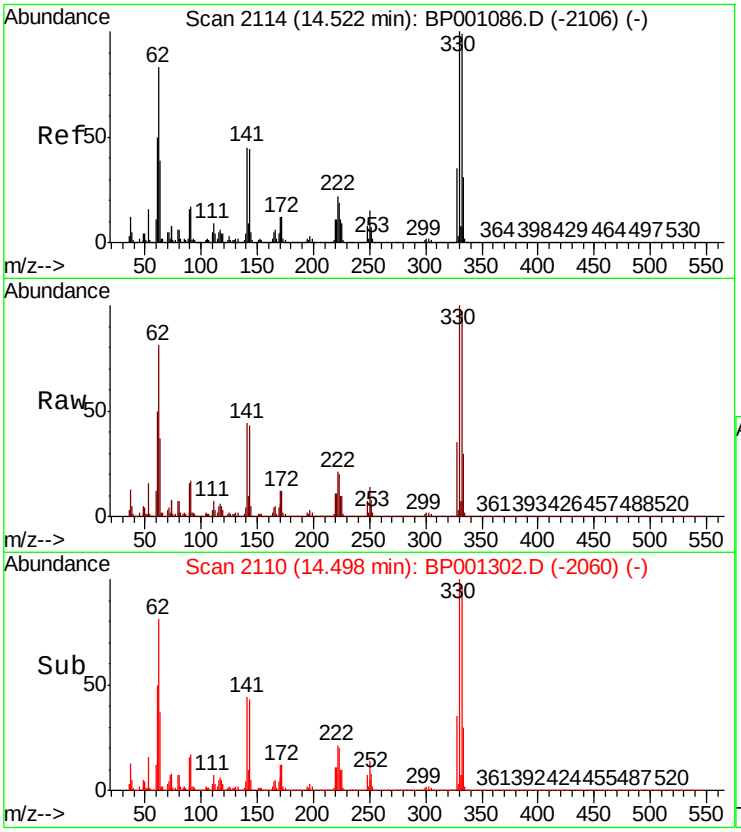


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 18:54

Tgt Ion:164 Resp: 148082

Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.7	121.1
160	45.4	36.3	54.5



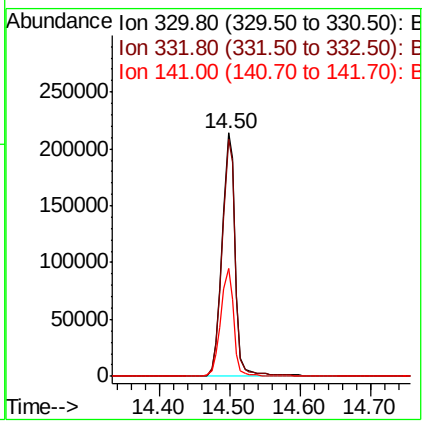


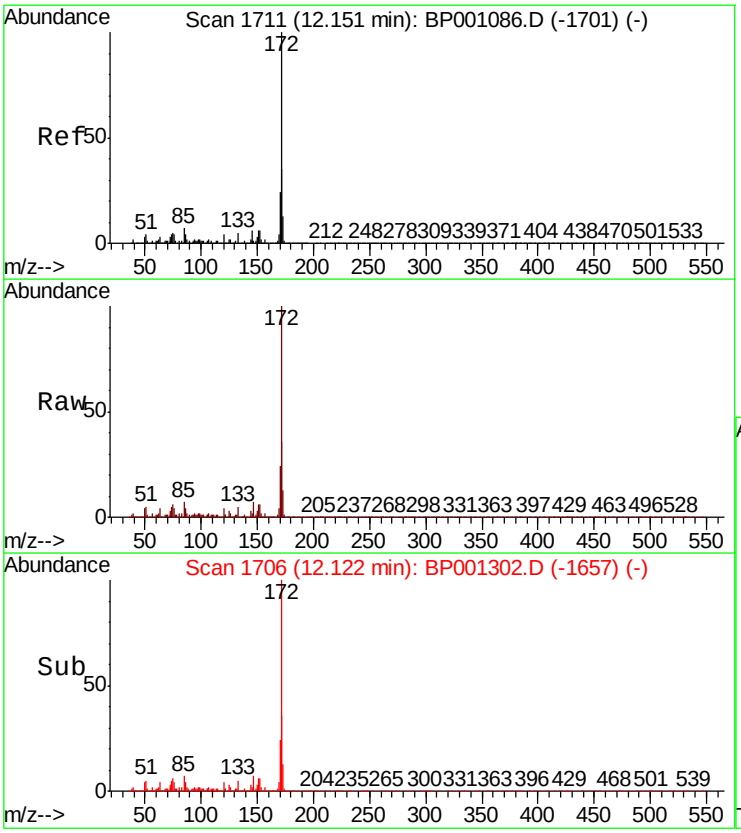
#42
2,4,6-Tribromophenol
Concen: 196.158 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 18:54

Instrument :
BNA_P
ClientSampleId :
CL-01-120619

Tgt Ion:330 Resp: 278420

Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.1	118.7
141	44.1	35.9	53.9

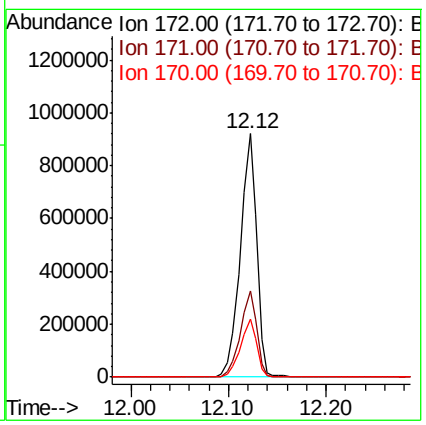


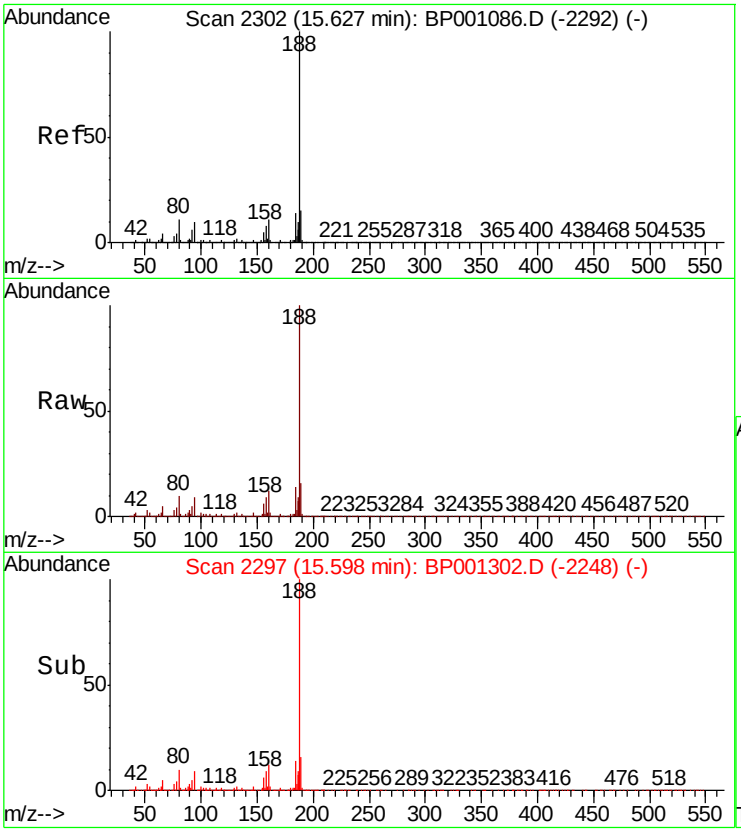


#45
2-Fluorobiphenyl
Concen: 106.458 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 18:54

Tgt Ion:172 Resp: 1077120

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.7	43.1
170	23.8	19.2	28.8



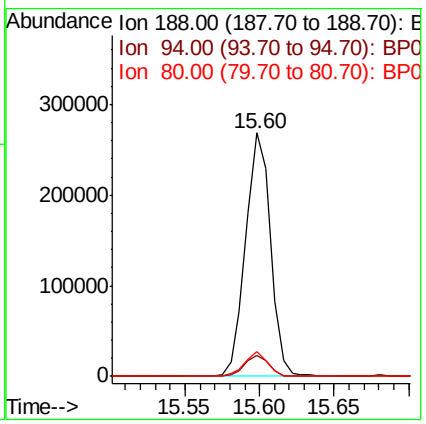


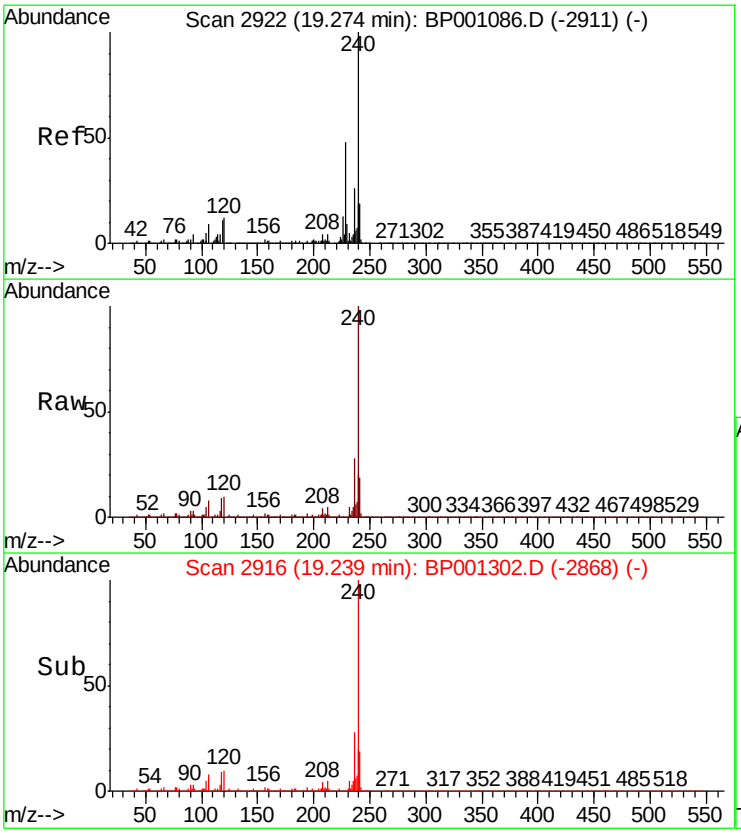
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 18:54

Instrument :
BNA_P
ClientSampleId :
CL-01-120619

Tgt Ion:188 Resp: 308786

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.1	10.7
80	10.3	7.8	11.6

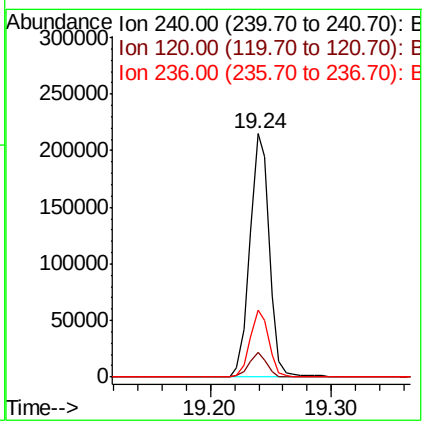


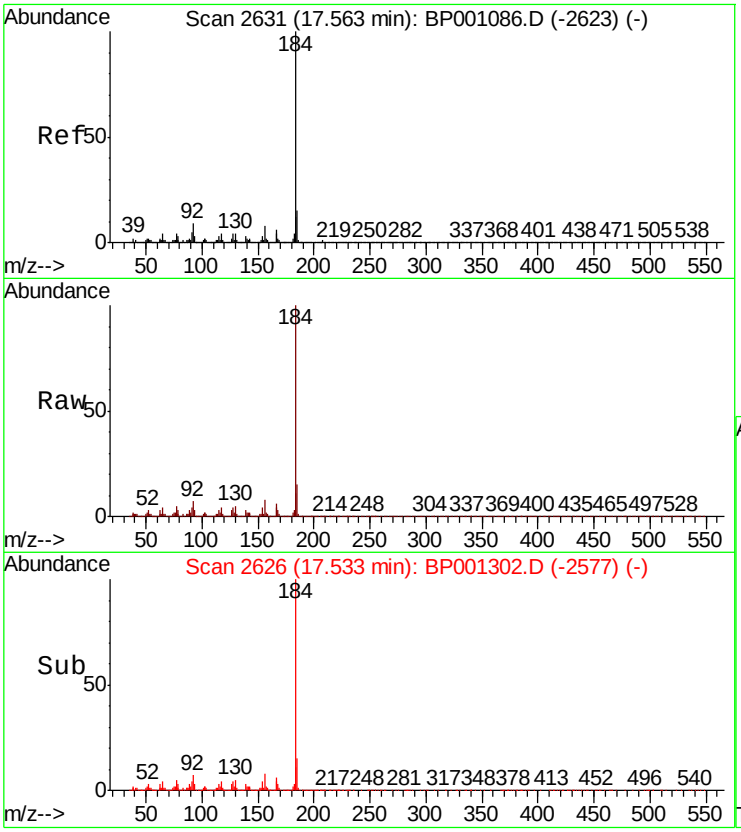


#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.24 min Scan# 2916
Delta R.T. -0.02 min
Lab File: BP001302.D
Acq: 10 Dec 2019 18:54

Tgt Ion:240 Resp: 241827

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.0	10.6
236	27.6	21.7	32.5



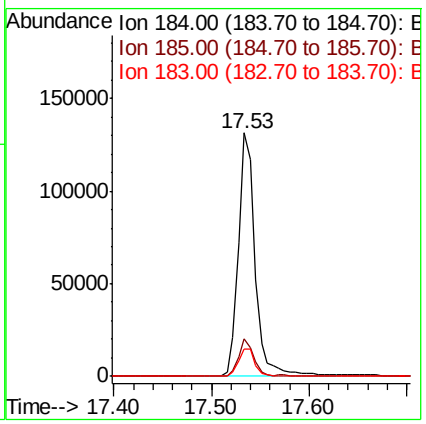


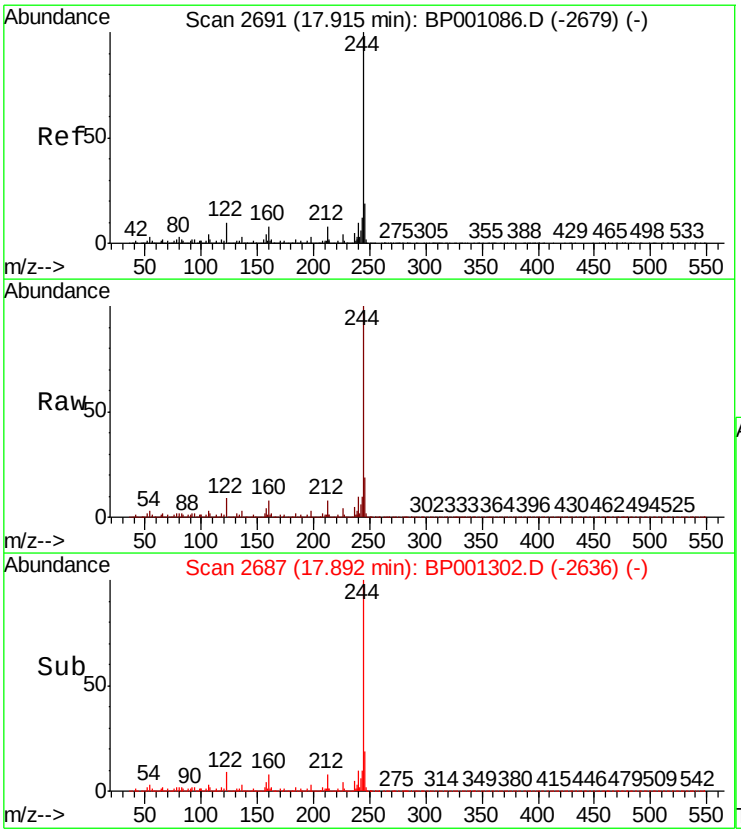
#77
Benzidine
Concen: 25.290 ng
RT: 17.53 min Scan# 2626
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 18:54

Instrument :
BNA_P
ClientSampleId :
CL-01-120619

Tgt Ion:184 Resp: 157903

Ion	Ratio	Lower	Upper
184	100		
185	15.3	11.4	17.0
183	11.5	9.0	13.4

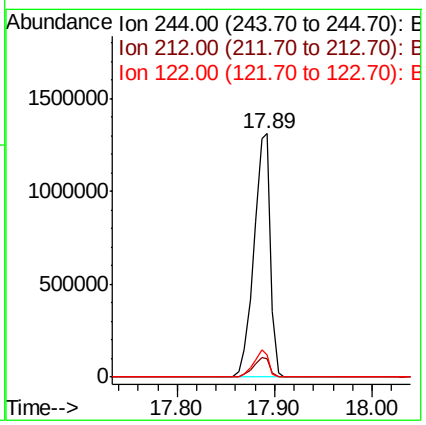


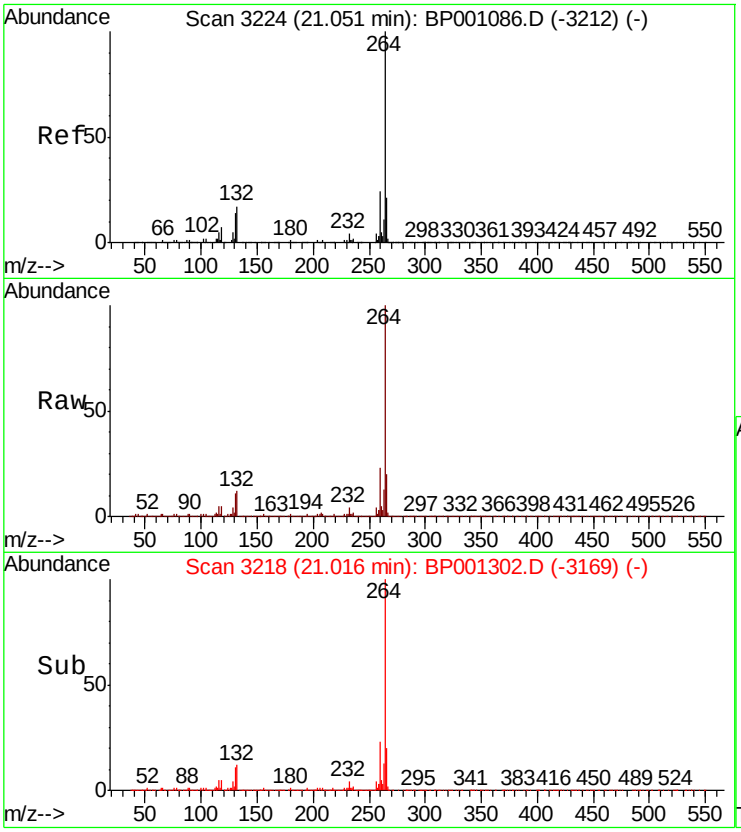


#79
Terphenyl-d14
Concen: 119.234 ng
RT: 17.89 min Scan# 2687
Delta R.T. -0.00 min
Lab File: BP001302.D
Acq: 10 Dec 2019 18:54

Tgt Ion:244 Resp: 1558516

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.6	9.8
122	9.1	9.2	13.8#





#87
Perylene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 18:54

Instrument :
BNA_P
ClientSampleId :
CL-01-120619

Tgt Ion:264 Resp: 245718

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.0
265	20.3	17.1	25.7