Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
Data File : BP001209.D
Acq On : 05 Dec 2019 13:59
Operator : JU
Sample : PB125030BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125030BL

Quant Time: Dec 05 15:25:14 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	76186	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	273246	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	154117	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	313254	20.00	ng	0.00
76) Chrysene-d12	19.24	240	260706	20.00	ng	-0.01
87) Perylene-d12	21.02	264	277173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	448490	97.67	ng	0.00
7) Phenol-d6	7.75	99	376551	61.55	ng	-0.01
23) Nitrobenzene-d5	9.19	82	679662	107.92	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	268333	181.65	ng	0.00
45) 2-Fluorobiphenyl	12.13	172	1121360	106.49	ng	0.00
79) Terphenyl-d14	17.89	244	1526985	108.36	ng	0.00
Target Compounds						Qvalue

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

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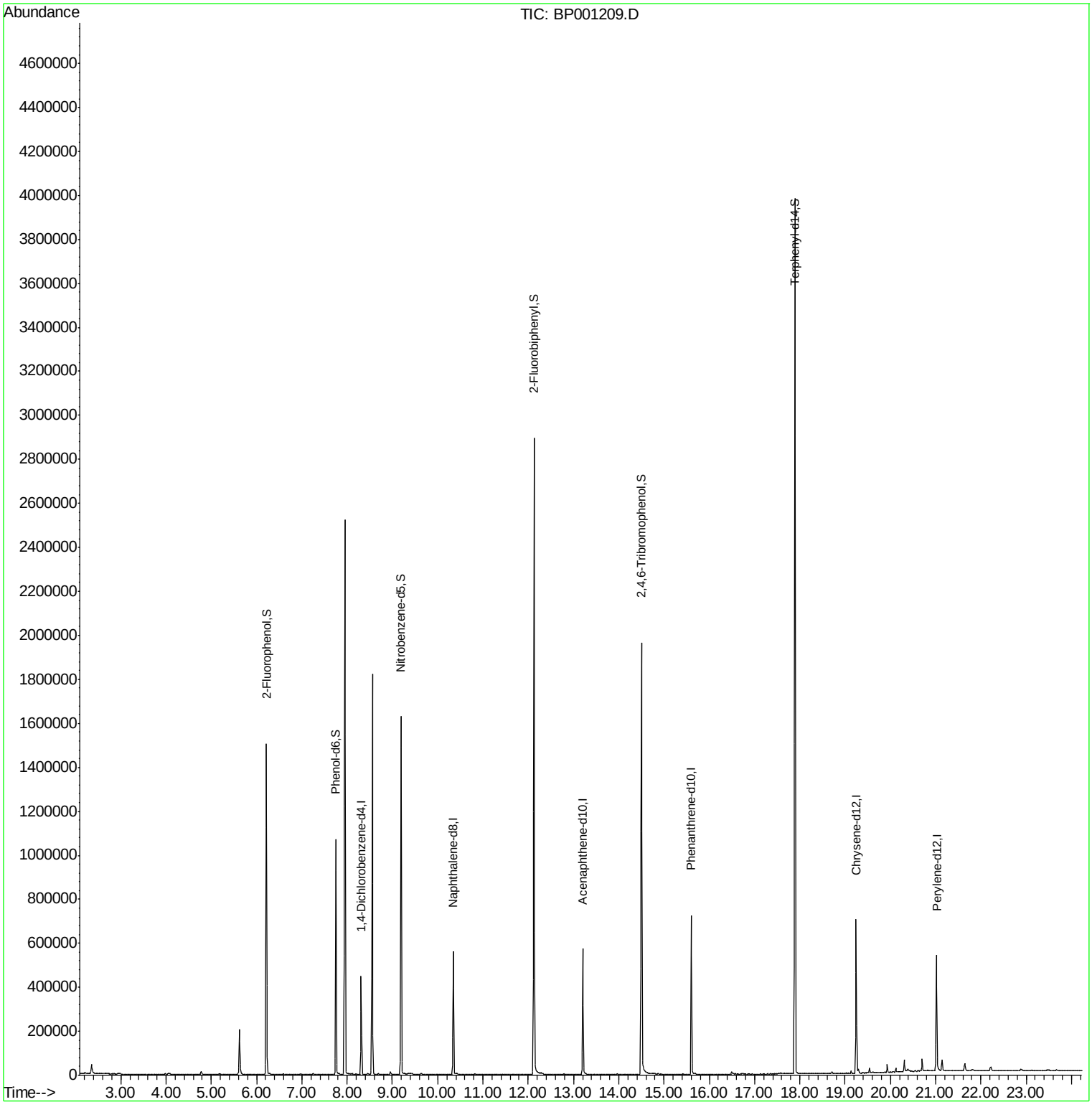
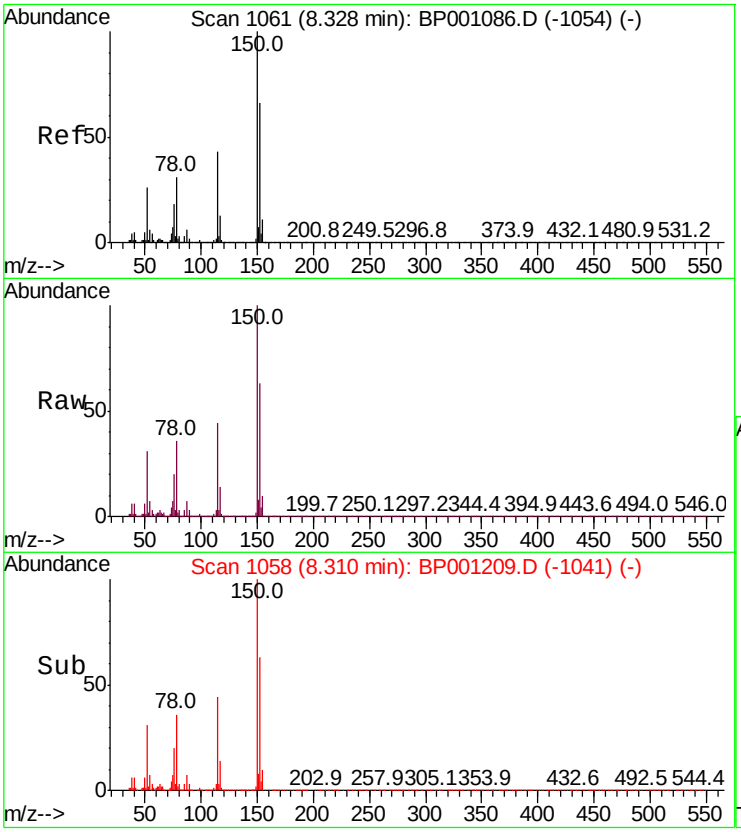


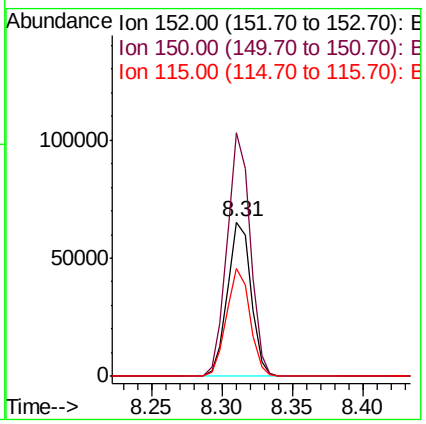


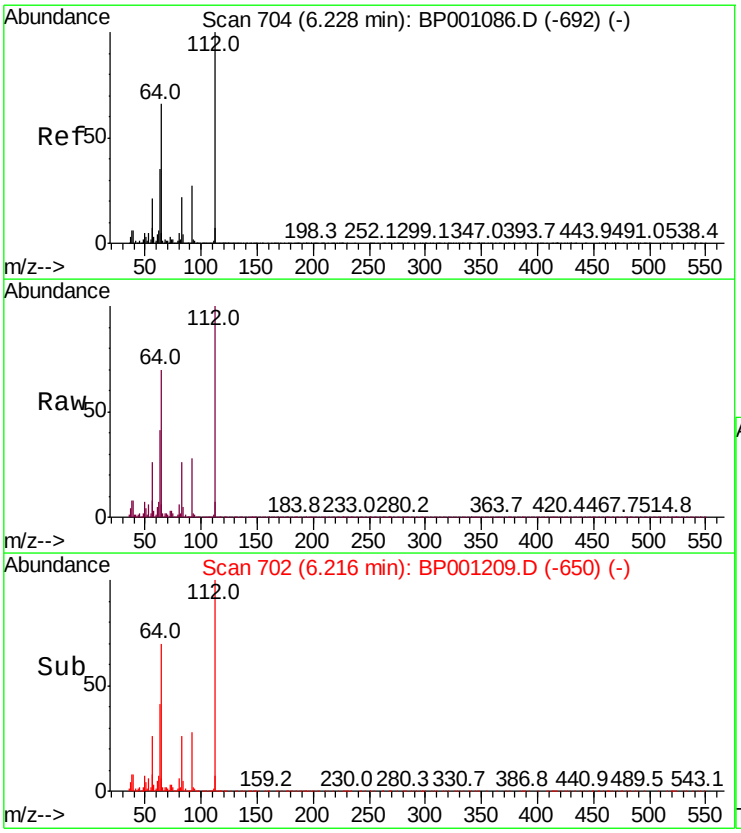
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BP001209.D
Acq: 05 Dec 2019 13:59

Instrument :
BNA_P
ClientSampleId :
PB125030BL

Tgt Ion:152 Resp: 76186

Ion	Ratio	Lower	Upper
152	100		
150	157.9	127.3	190.9
115	70.2	56.0	84.0

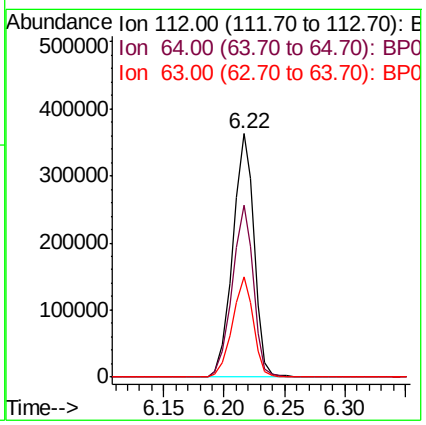


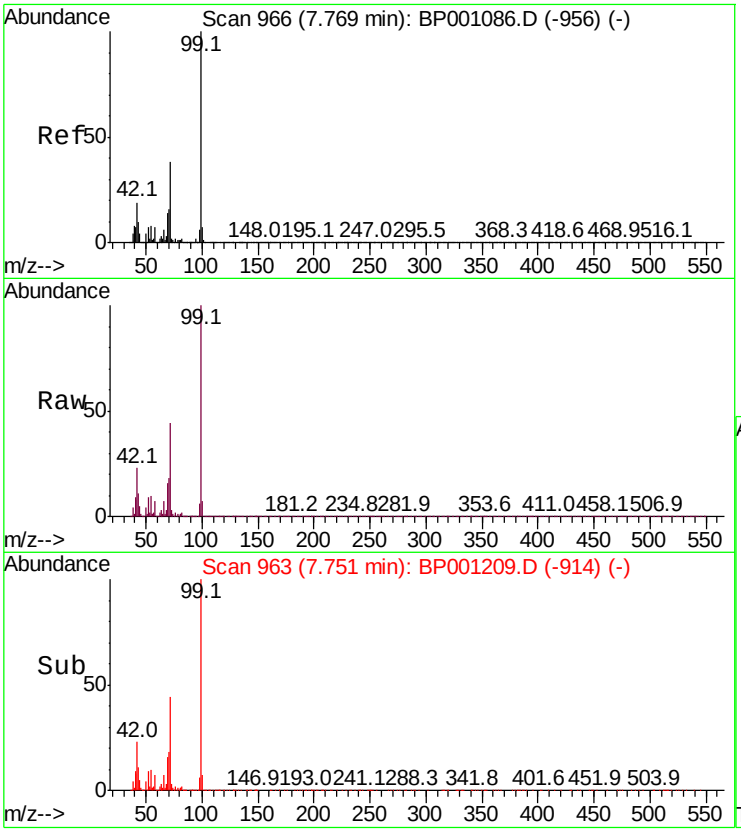


#5
2-Fluorophenol
Concen: 97.666 ng
RT: 6.22 min Scan# 702
Delta R.T. 0.01 min
Lab File: BP001209.D
Acq: 05 Dec 2019 13:59

Tgt Ion:112 Resp: 448490

Ion	Ratio	Lower	Upper
112	100		
64	70.4	56.8	85.2
63	41.1	32.2	48.2



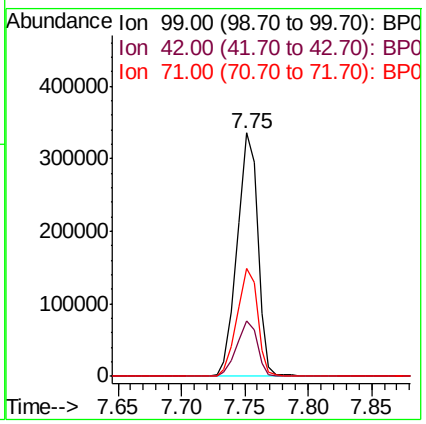


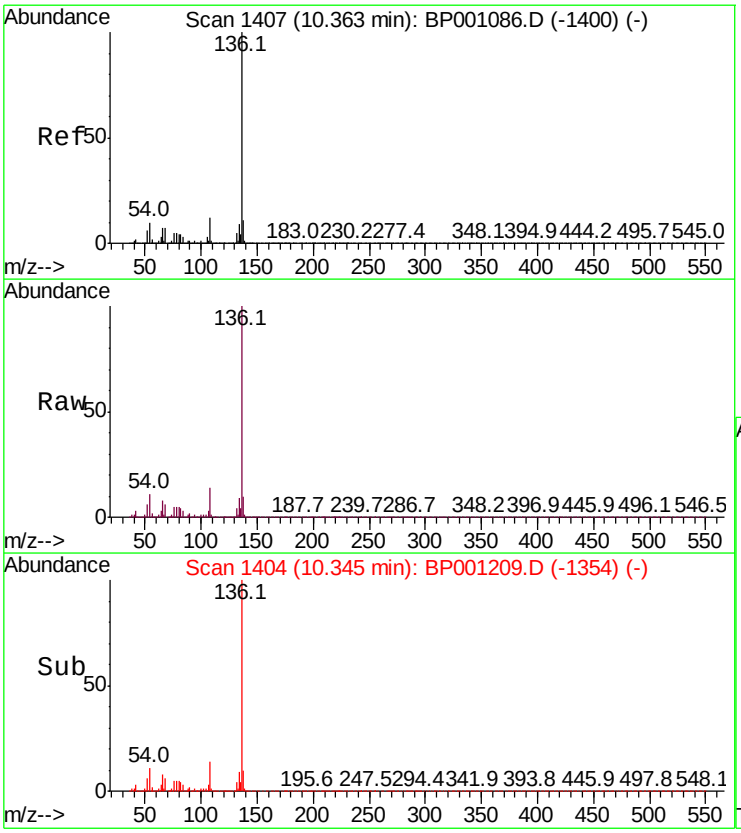
#7
Phenol-d6
Concen: 61.551 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BP001209.D
Acq: 05 Dec 2019 13:59

Instrument :
BNA_P
ClientSampleId :
PB125030BL

Tgt Ion: 99 Resp: 376551

Ion	Ratio	Lower	Upper
99	100		
42	23.0	17.6	26.4
71	44.4	33.8	50.8

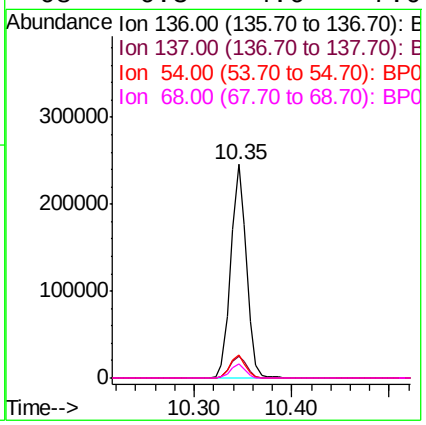


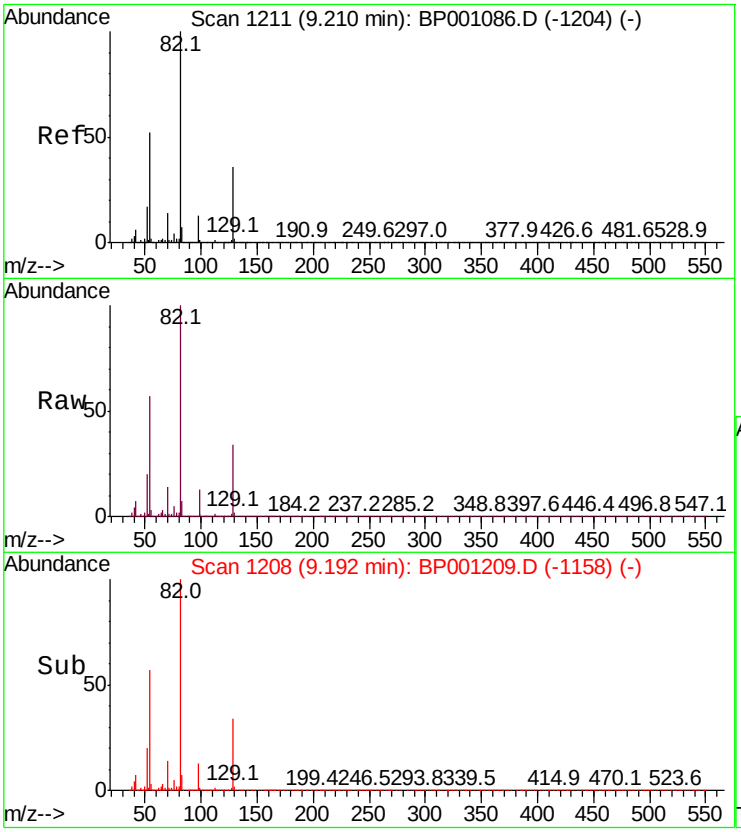


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP001209.D
Acq: 05 Dec 2019 13:59

Tgt Ion:136 Resp: 273246

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	10.9	7.4	11.0
68	6.3	4.6	7.0



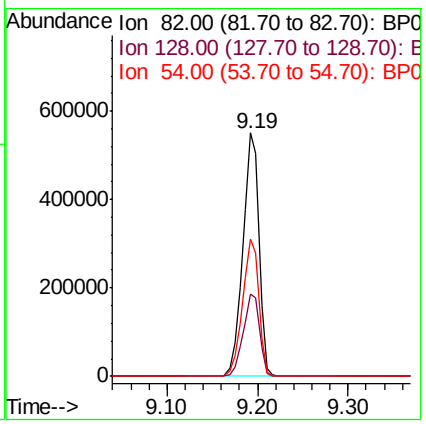


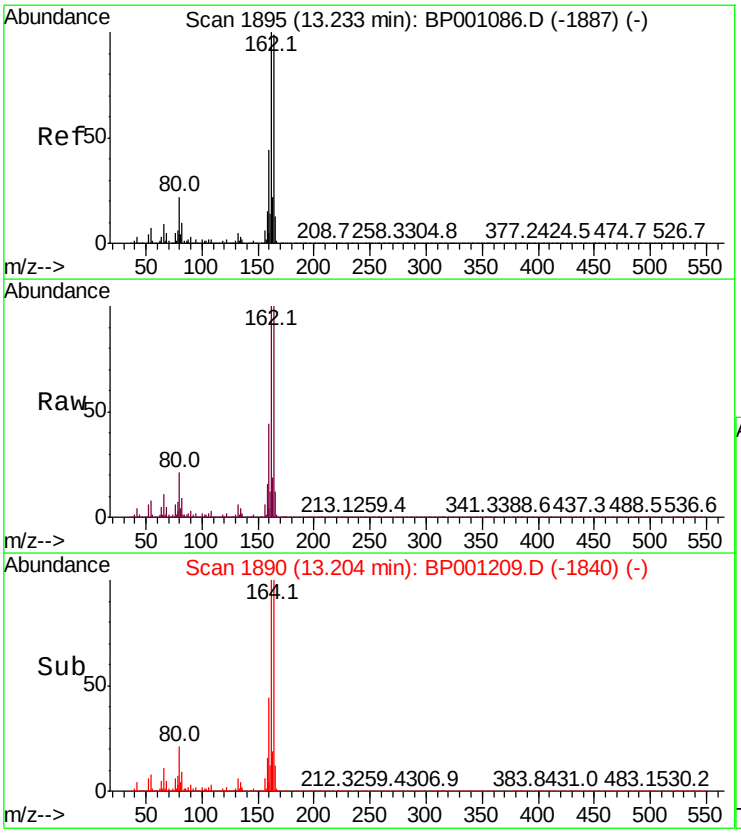
#23
Nitrobenzene-d5
Concen: 107.916 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001209.D
Acq: 05 Dec 2019 13:59

Instrument :
BNA_P
ClientSampleId :
PB125030BL

Tgt Ion: 82 Resp: 679662

Ion	Ratio	Lower	Upper
82	100		
128	33.7	27.5	41.3
54	56.6	45.7	68.5

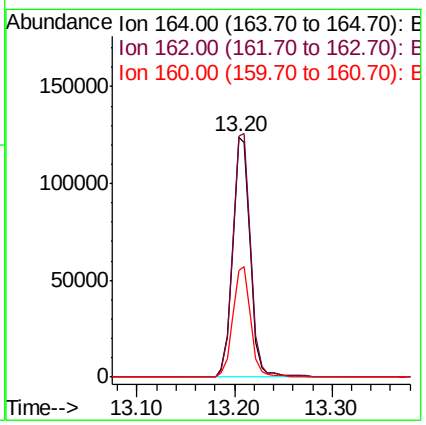


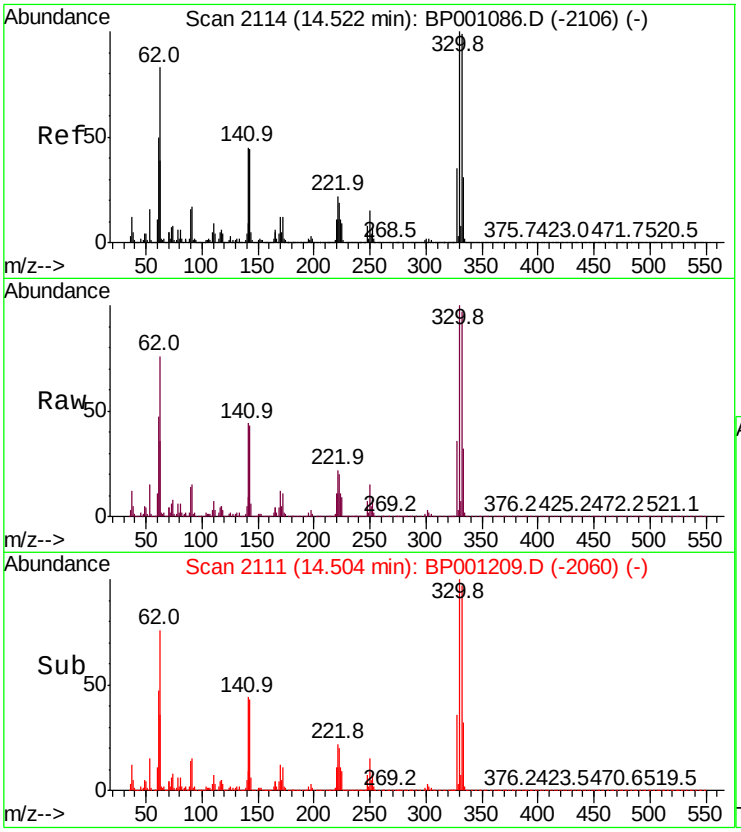


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001209.D
Acq: 05 Dec 2019 13:59

Tgt Ion:164 Resp: 154117

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.7	121.1
160	44.6	36.3	54.5



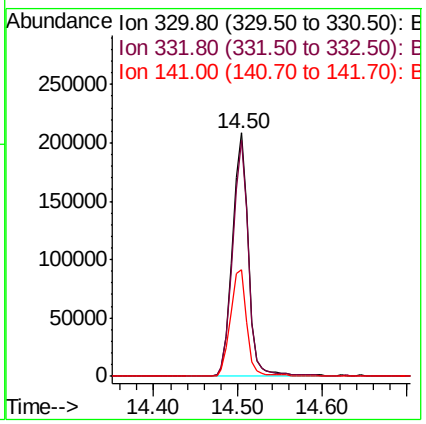


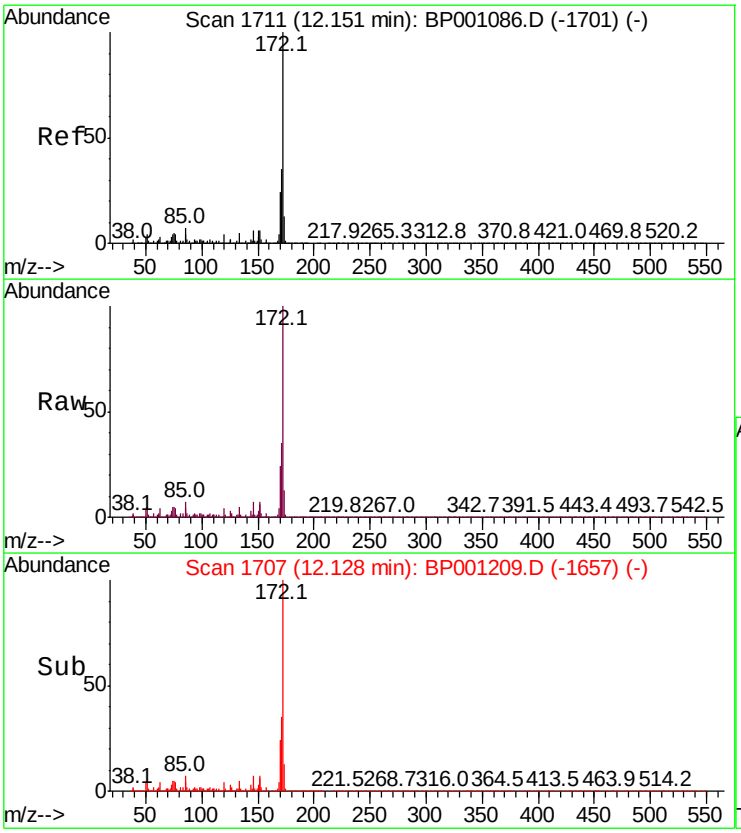
#42
2,4,6-Tribromophenol
Concen: 181.648 ng
RT: 14.50 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BP001209.D
Acq: 05 Dec 2019 13:59

Instrument :
BNA_P
ClientSampleId :
PB125030BL

Tgt Ion:330 Resp: 268333

Ion	Ratio	Lower	Upper
330	100		
332	96.1	79.1	118.7
141	45.5	35.9	53.9

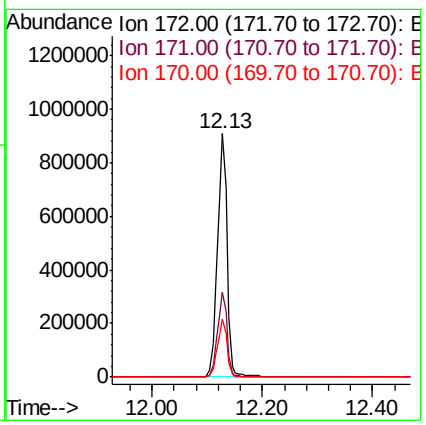


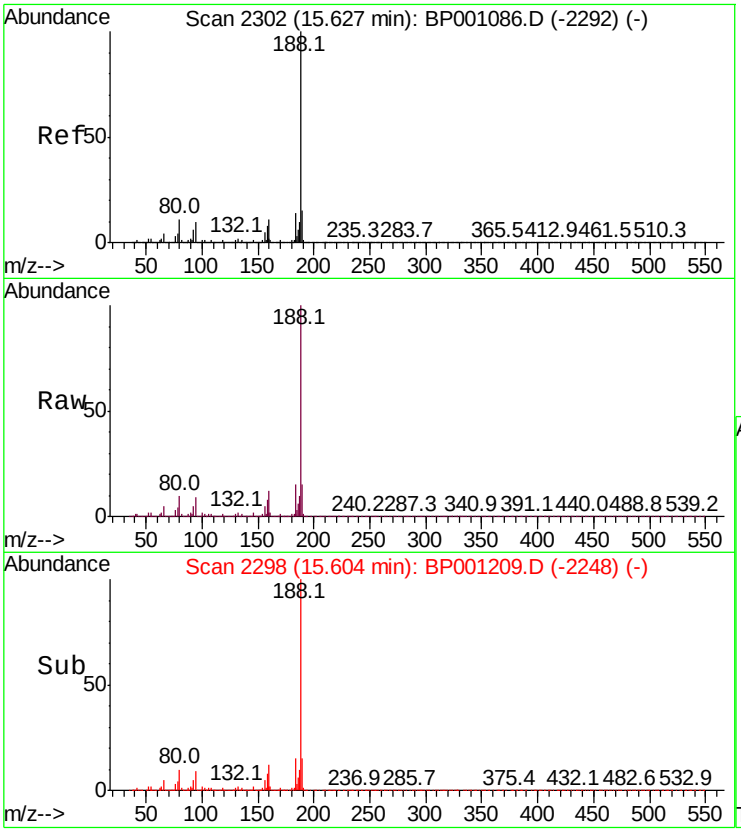


#45
2-Fluorobiphenyl
Concen: 106.490 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BP001209.D
Acq: 05 Dec 2019 13:59

Tgt Ion:172 Resp: 1121360

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.7	43.1
170	23.9	19.2	28.8



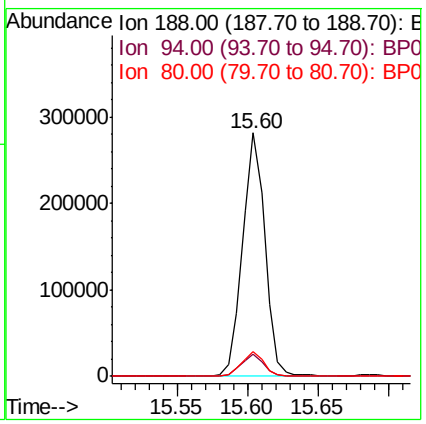


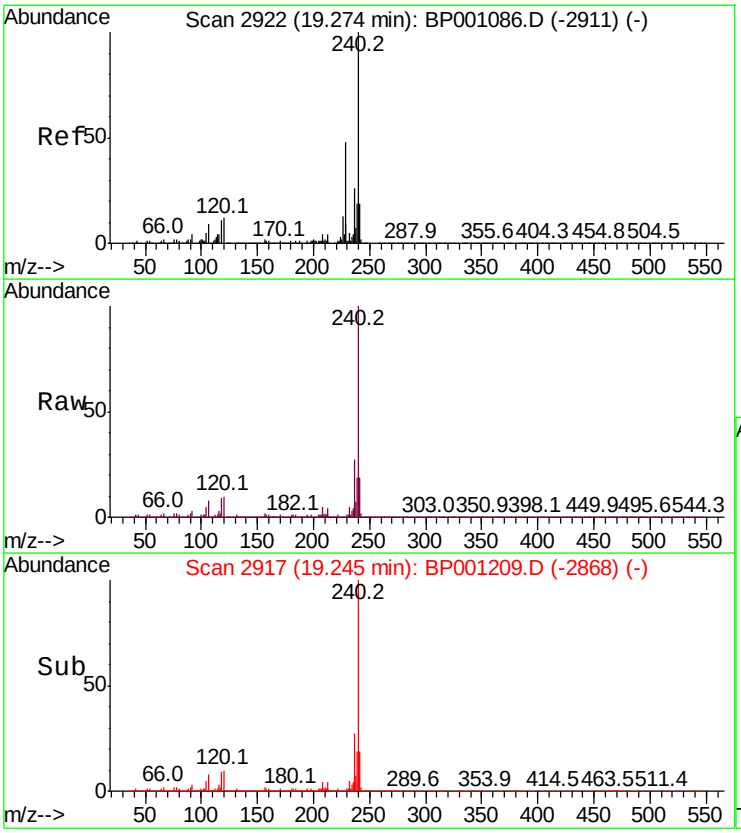
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP001209.D
Acq: 05 Dec 2019 13:59

Instrument :
BNA_P
ClientSampleId :
PB125030BL

Tgt Ion:188 Resp: 313254

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.1	10.7
80	10.3	7.8	11.6

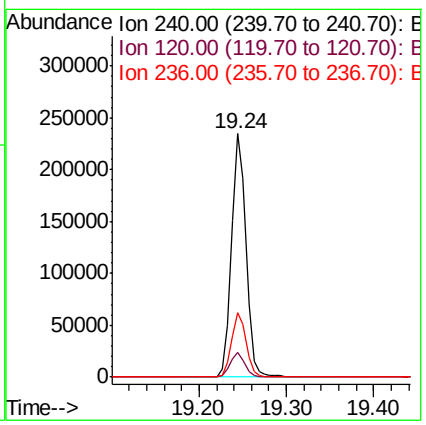


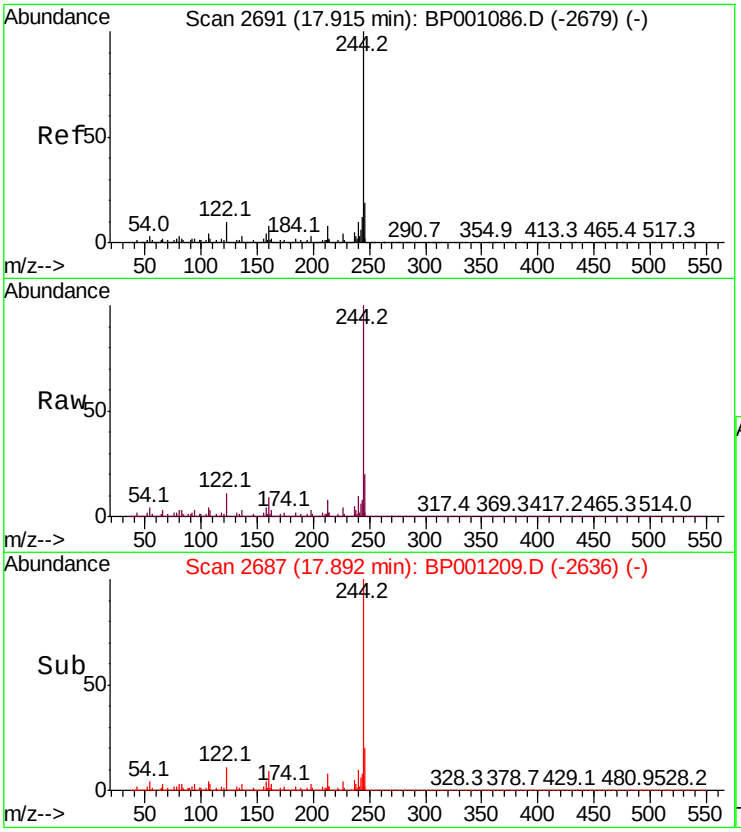


#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.24 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BP001209.D
Acq: 05 Dec 2019 13:59

Tgt Ion:240 Resp: 260706

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.0	10.6
236	26.6	21.7	32.5



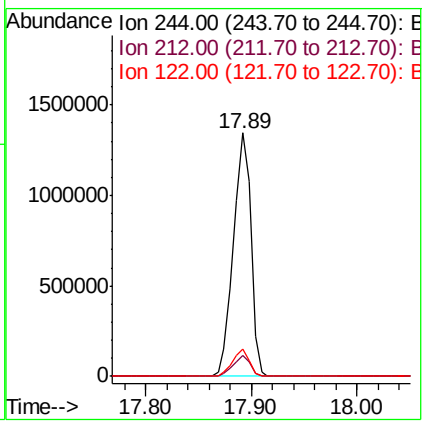


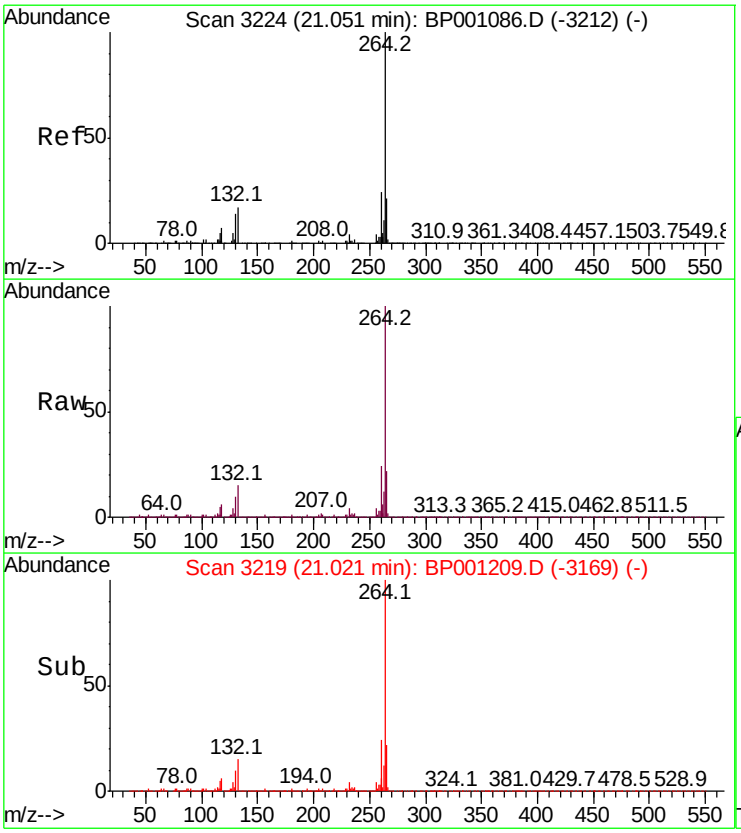
#79
Terphenyl-d14
Concen: 108.362 ng
RT: 17.89 min Scan# 2687
Delta R.T. -0.00 min
Lab File: BP001209.D
Acq: 05 Dec 2019 13:59

Instrument :
BNA_P
ClientSampleId :
PB125030BL

Tgt Ion:244 Resp: 1526985

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.6	9.8
122	11.4	9.2	13.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BP001209.D
Acq: 05 Dec 2019 13:59

Tgt Ion:264 Resp: 277173

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	21.8	17.1	25.7