Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001412.D
Acq On : 25 Dec 2019 07:48
Operator : JU
Sample : K6372-18DL 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Dec 25 08:20:09 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	8.29	152	34618	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	123385	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	68859	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	129841	20.00	ng	0.00
76) Chrysene-d12	19.22	240	109804	20.00	ng	0.00
87) Perylene-d12	20.99	264	110181	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	10395	4.85	ng	0.00
7) Phenol-d6	7.75	99	9323	3.34	ng	0.00
23) Nitrobenzene-d5	9.16	82	26403	8.22	ng	-0.01
42) 2,4,6-Tribromophenol	14.47	330	10031	11.65	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	50039	9.19	ng	0.00
79) Terphenyl-d14	17.86	244	61942	9.66	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.61	77	3949	2.014	ng	# 1
18) Hexachloroethane	9.13	117	7695	6.619	ng	# 27
19) n-Nitroso-di-n-propylamine	9.16	70	4056	2.044	ng	# 73
31) Naphthalene	10.37	128	1588383	235.833	ng	99
32) Benzoic acid	10.00	122	190	5.150	ng	# 1
33) 4-Chloroaniline	10.37	127	213561	77.534	ng	# 31
37) 2-Methylnaphthalene	11.49	142	154096	33.141	ng	99
38) 1-Methylnaphthalene	11.65	142	153707	35.162	ng	98
46) 1,1'-Biphenyl	12.25	154	18276	3.172	ng	99
52) Acenaphthene	13.23	154	30565	7.450	ng	99
58) Fluorene	14.08	166	10394	2.022	ng	93
71) Phenanthrene	15.62	178	23441	3.164	ng	97

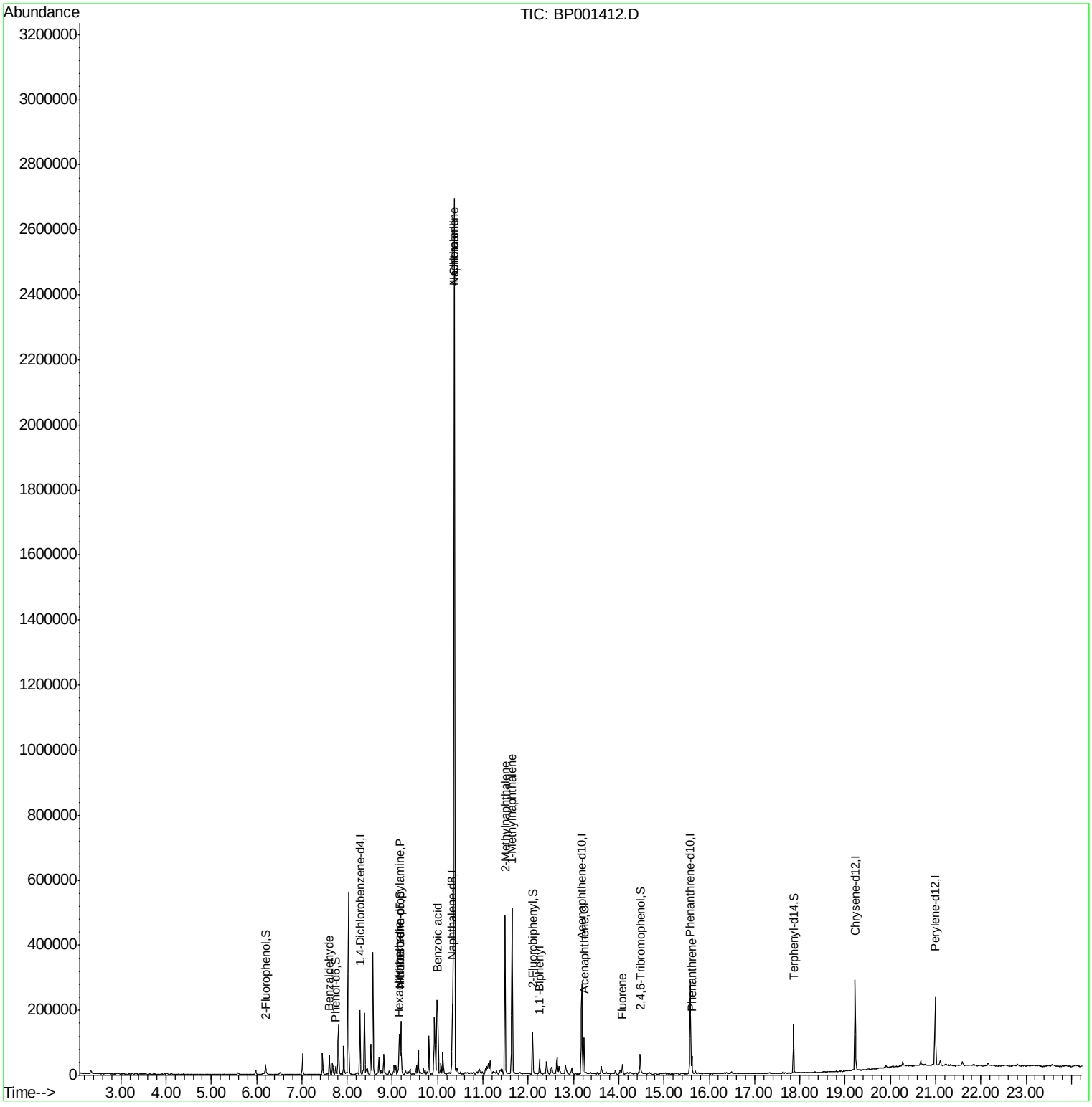
(#) = qualifier out of range (m) = manual integration (+) = signals summed

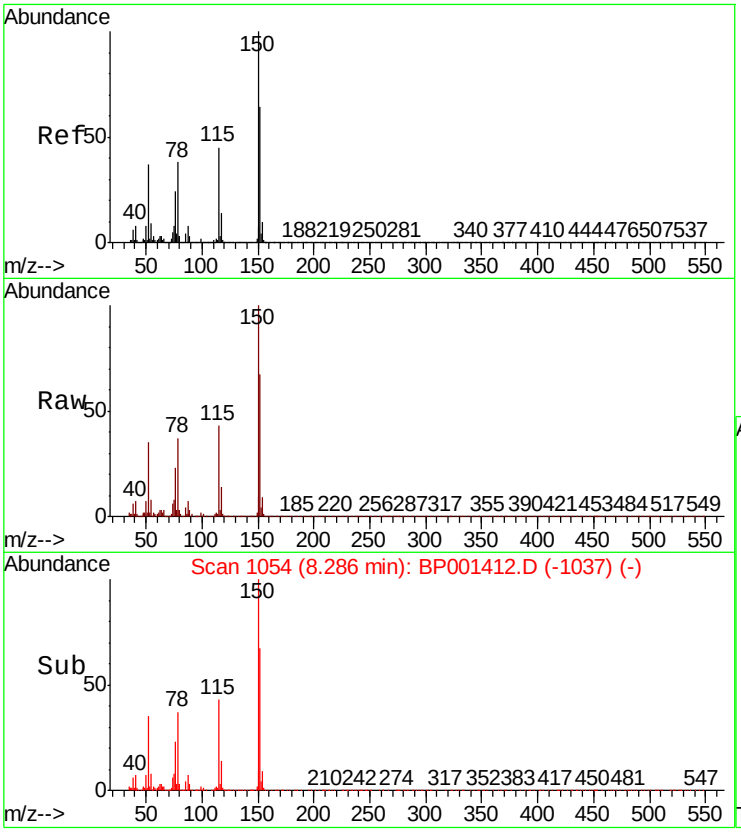
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001412.D
Acq On : 25 Dec 2019 07:48
Operator : JU
Sample : K6372-18DL 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Dec 25 08:20:09 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



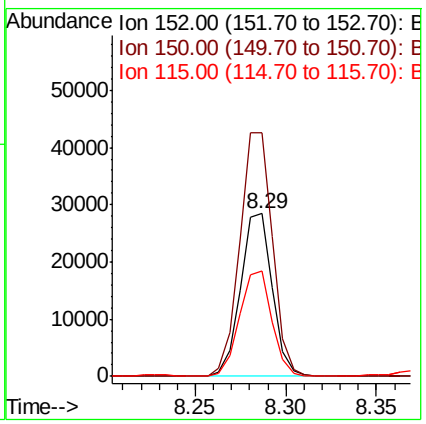


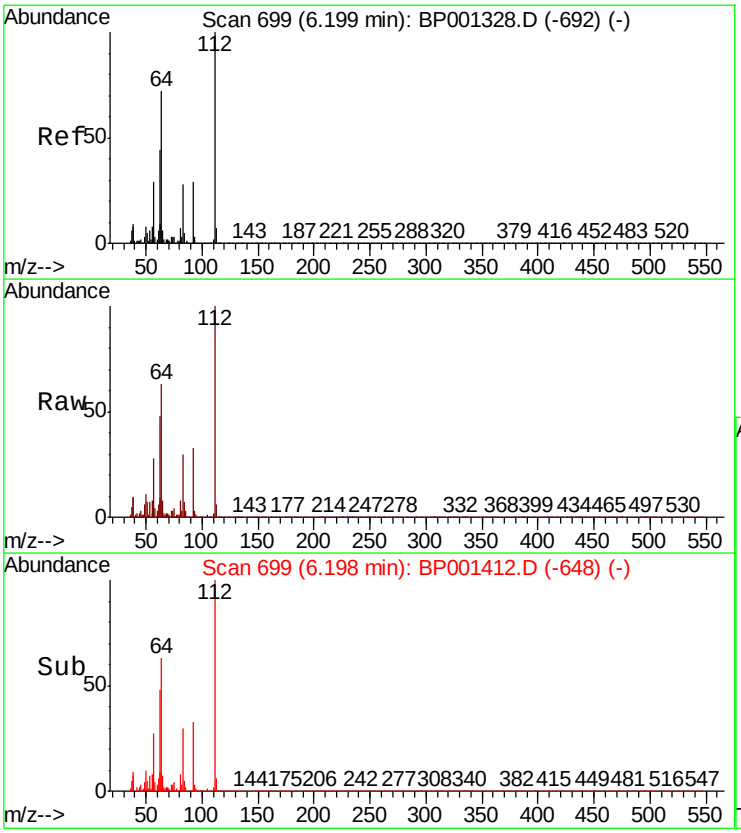
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 34618

Ion	Ratio	Lower	Upper
152	100		
150	149.9	127.0	190.6
115	65.0	56.1	84.1

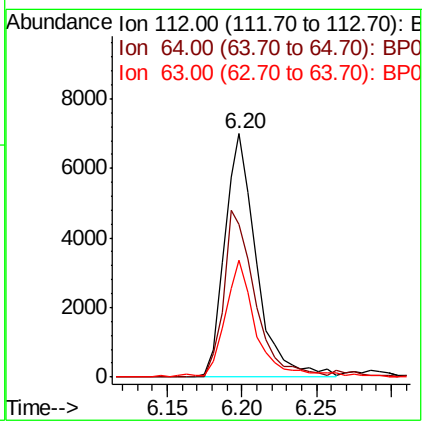


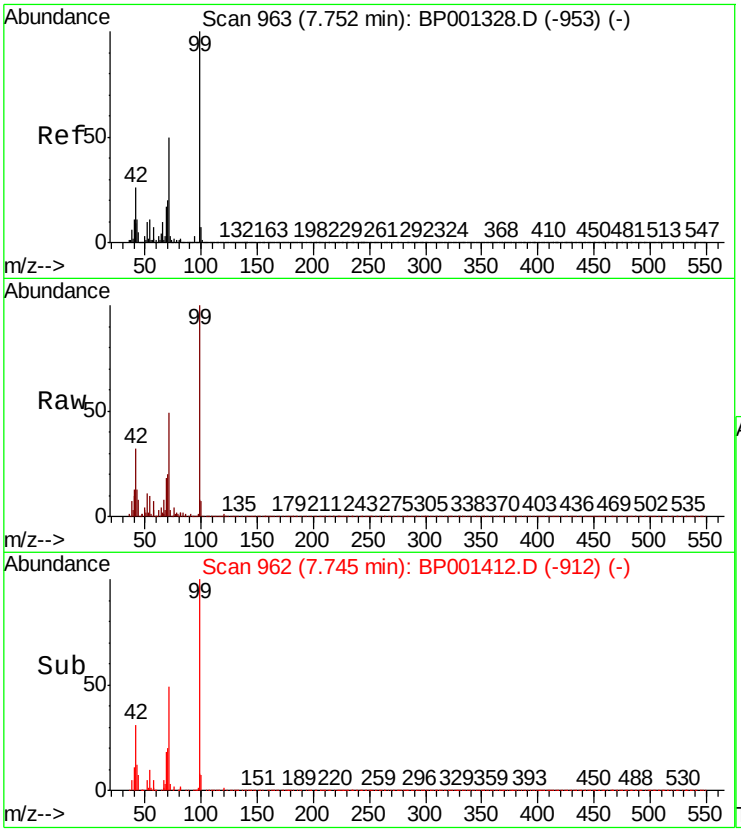


#5
2-Fluorophenol
Concen: 4.853 ng
RT: 6.20 min Scan# 699
Delta R.T. -0.00 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Tgt Ion:112 Resp: 10395

Ion	Ratio	Lower	Upper
112	100		
64	62.9	53.9	80.9
63	48.1	33.4	50.0



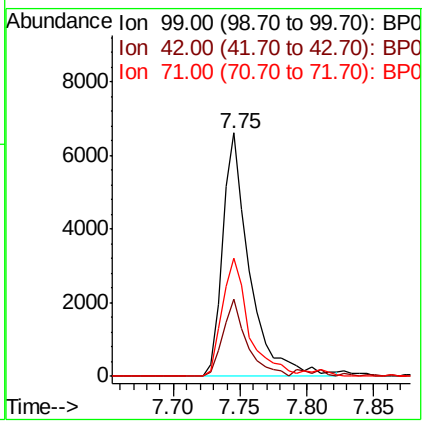


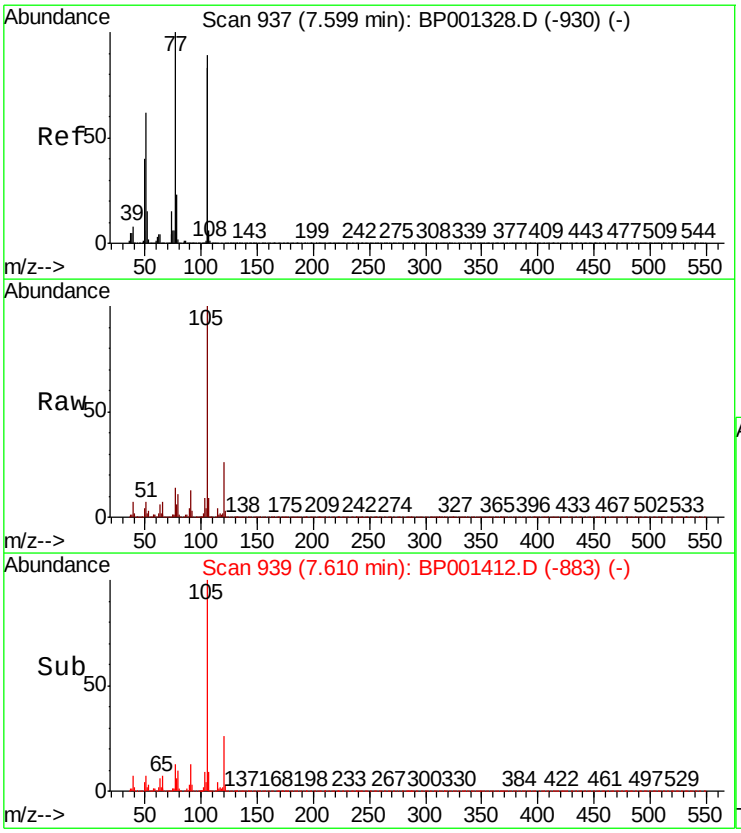
#7
Phenol-d6
Concen: 3.336 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 9323

Ion	Ratio	Lower	Upper
99	100		
42	31.6	20.8	31.2#
71	48.6	38.2	57.4

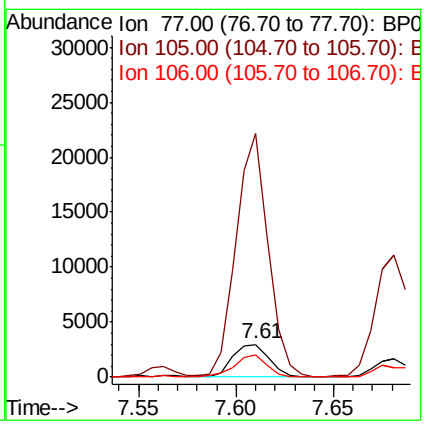


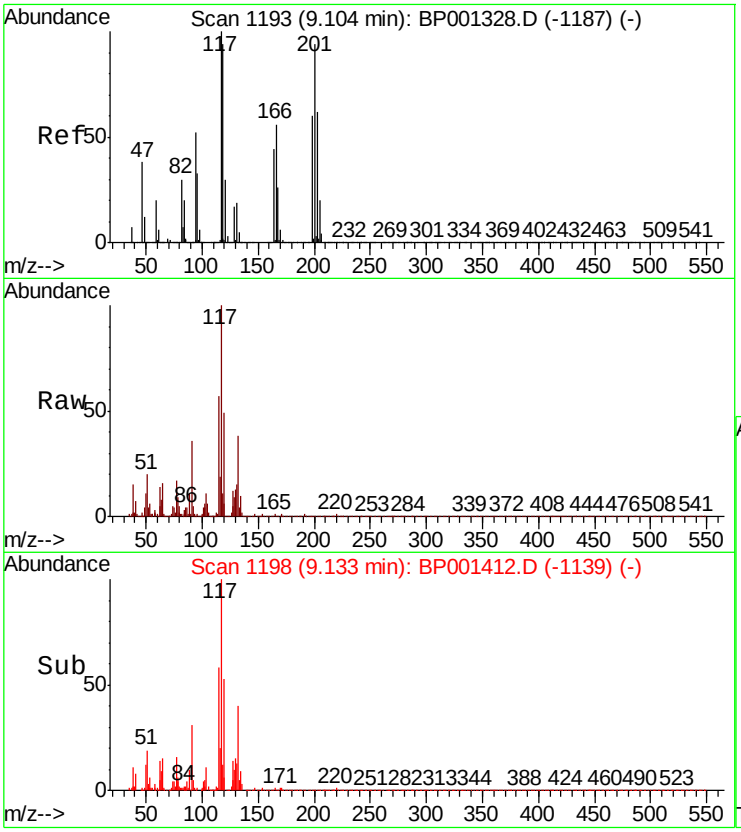


#9
Benzaldehyde
Concen: 2.014 ng
RT: 7.61 min Scan# 939
Delta R.T. 0.03 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Tgt Ion: 77 Resp: 3949

Ion	Ratio	Lower	Upper
77	100		
105	740.4	75.7	115.7#
106	68.2	70.5	110.5#



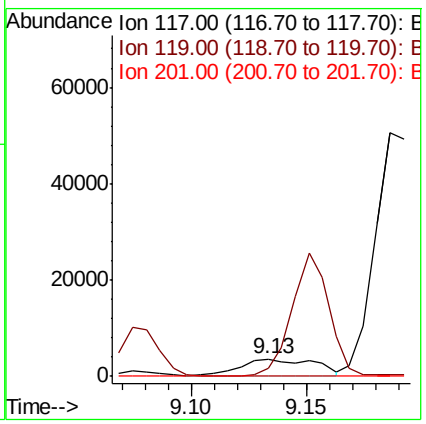


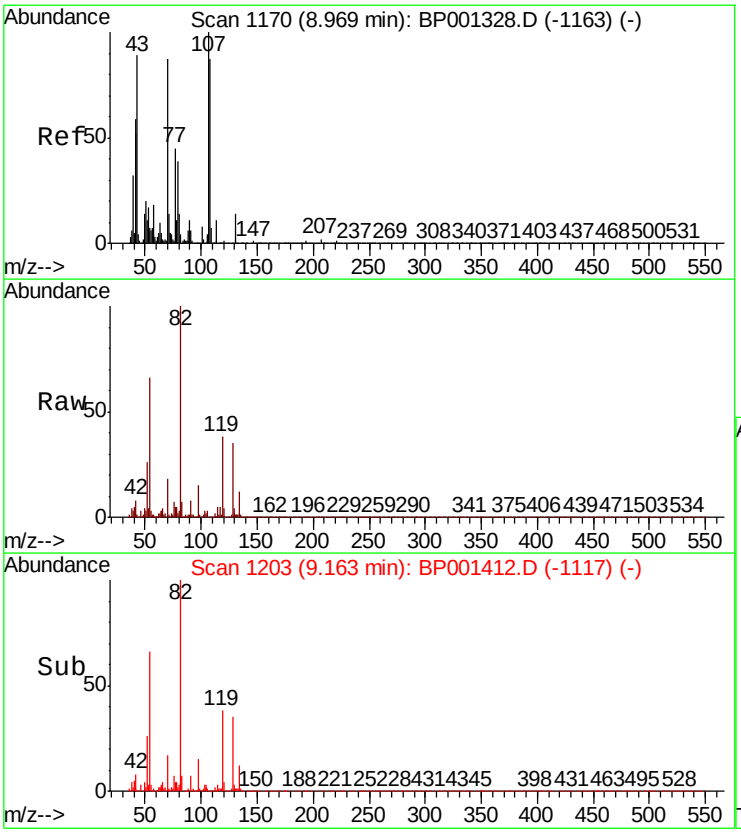
#18
Hexachloroethane
Concen: 6.619 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.05 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:117 Resp: 7695

Ion	Ratio	Lower	Upper
117	100		
119	49.1	75.8	113.6#
201	0.2	77.8	116.6#

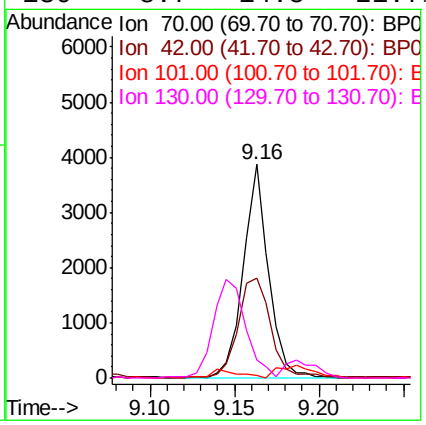


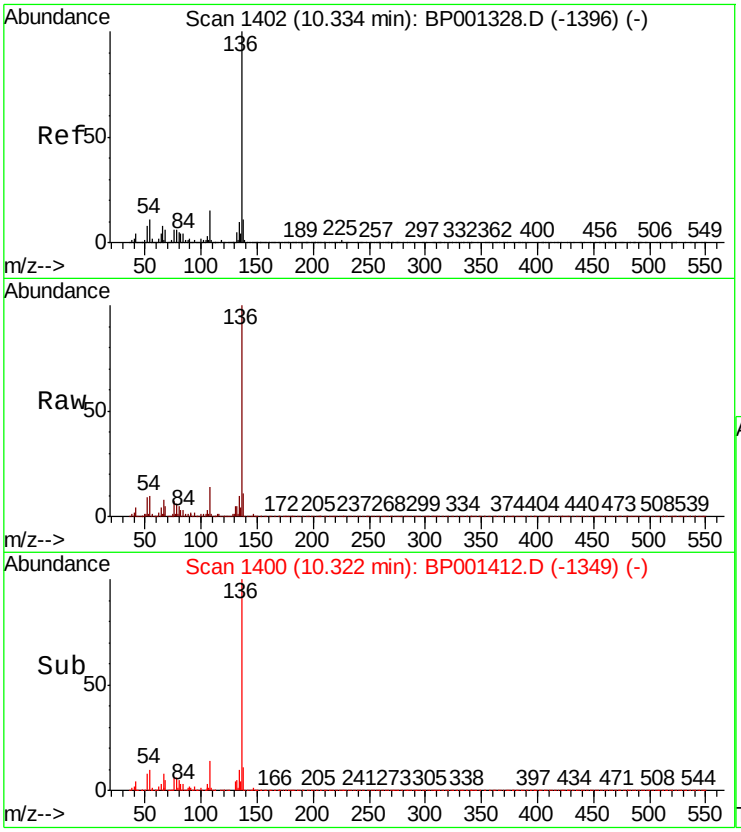


#19
n-Nitroso-di-n-propylamine
Concen: 2.044 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.21 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Tgt Ion: 70 Resp: 4056

Ion	Ratio	Lower	Upper
70	100		
42	46.6	55.8	83.8#
101	1.2	8.2	12.2#
130	8.7	14.5	21.7#



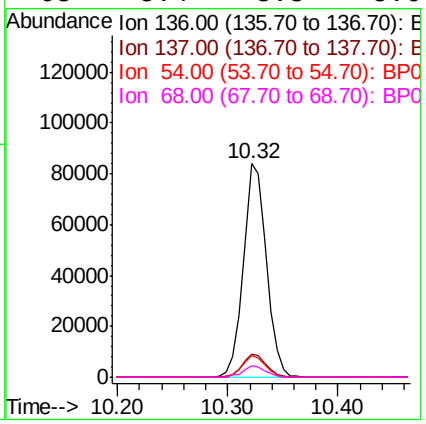


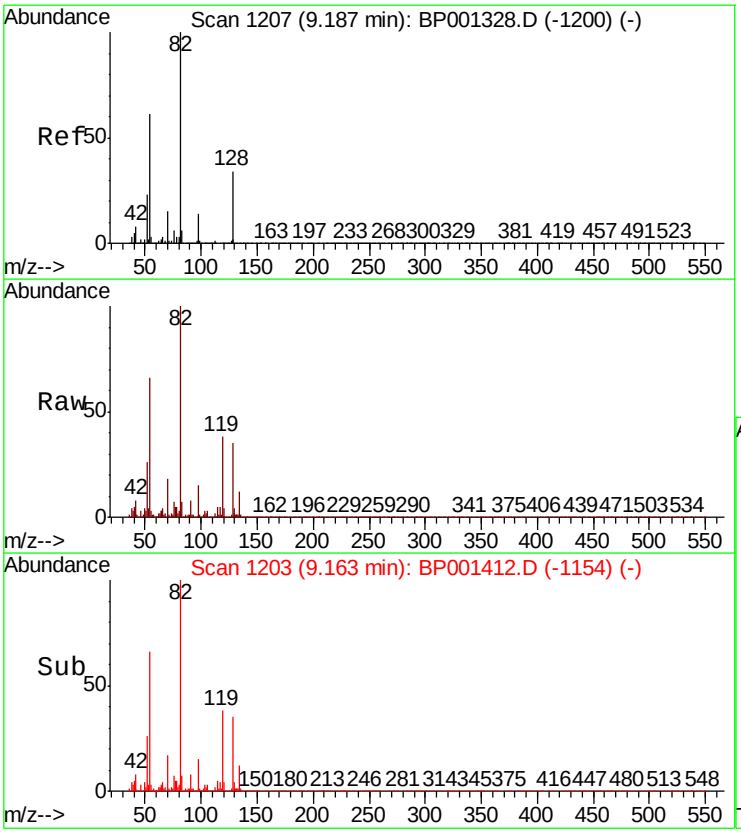
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 123385

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	10.4	7.3	10.9
68	5.4	3.8	5.6

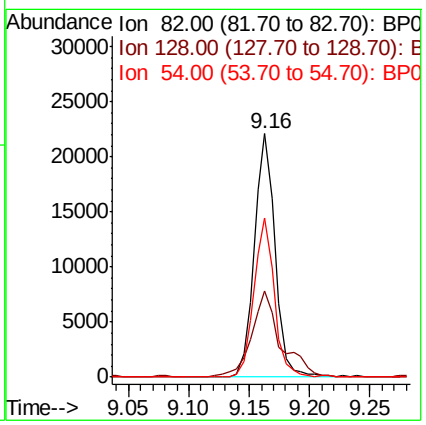


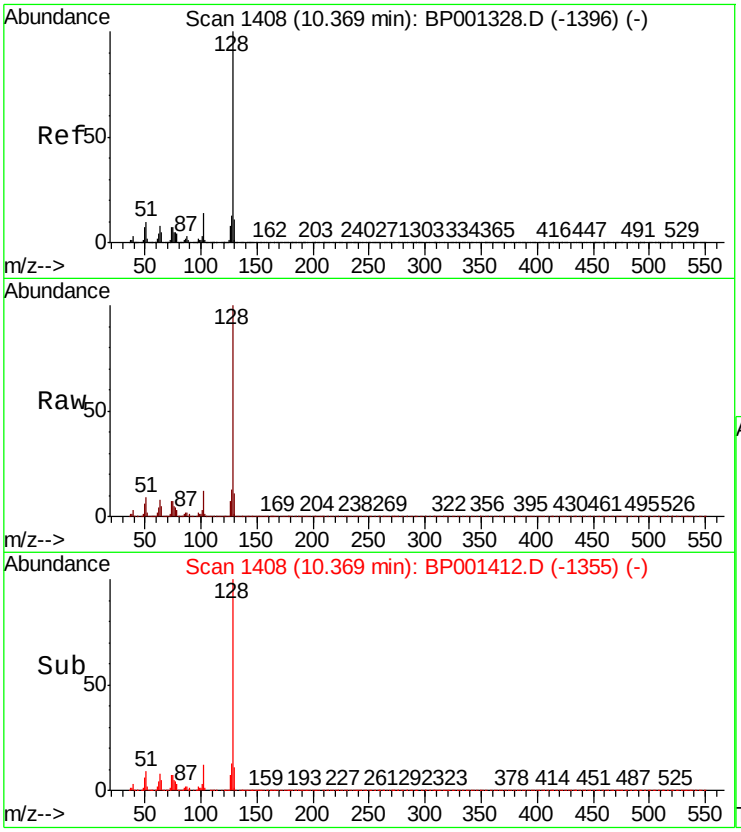


#23
Nitrobenzene-d5
Concen: 8.217 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Tgt Ion: 82 Resp: 26403

Ion	Ratio	Lower	Upper
82	100		
128	35.1	27.4	41.0
54	65.5	47.5	71.3



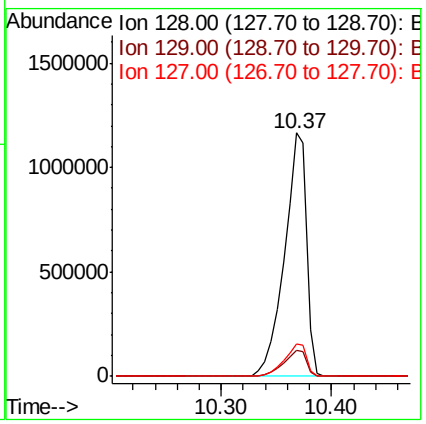


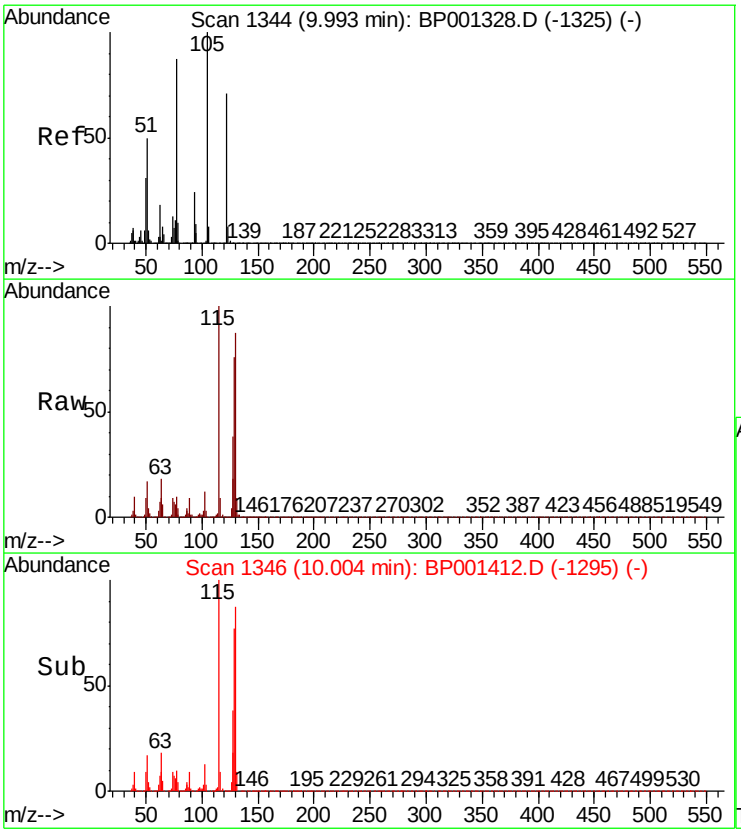
#31
Naphthalene
Concen: 235.833 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:128 Resp: 1588383

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.4	11.0	16.6

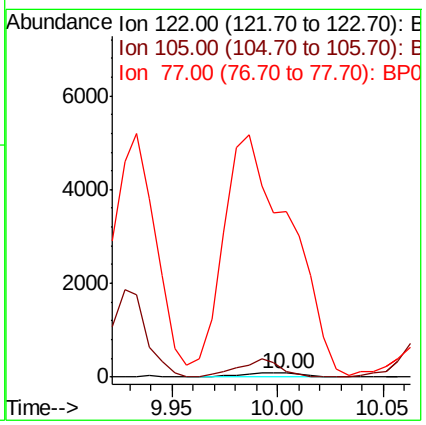


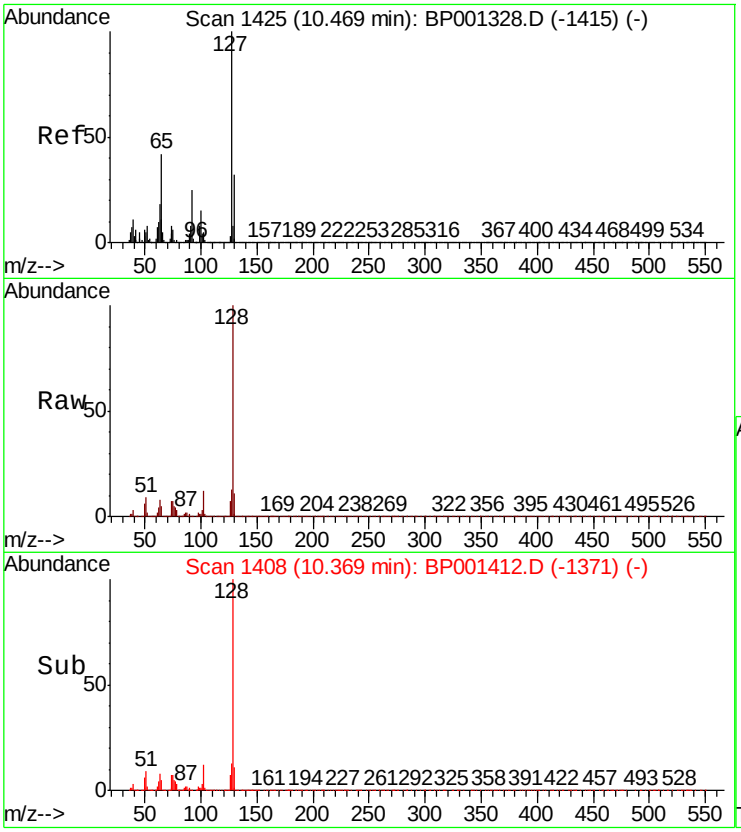


#32
Benzoic acid
Concen: 5.150 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Tgt Ion:122 Resp: 190

Ion	Ratio	Lower	Upper
122	100		
105	127.3	117.8	157.8
77	4004.5	85.6	125.6#



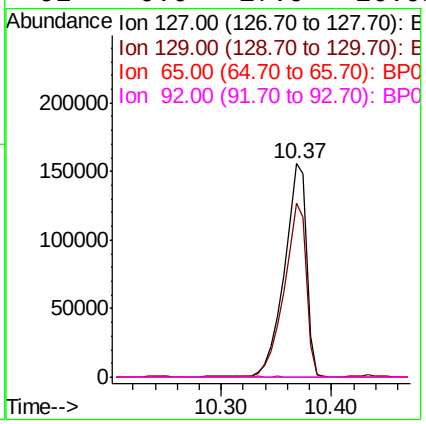


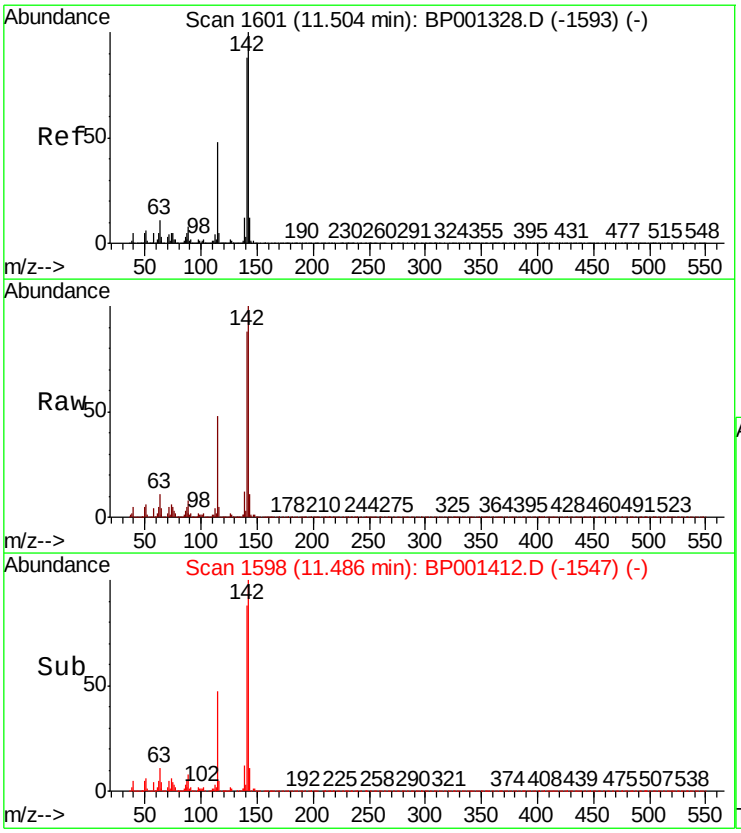
#33
4-Chloroaniline
Concen: 77.534 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.08 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:127 Resp: 213561

Ion	Ratio	Lower	Upper
127	100		
129	81.6	25.8	38.8#
65	0.0	33.9	50.9#
92	0.0	17.9	26.9#

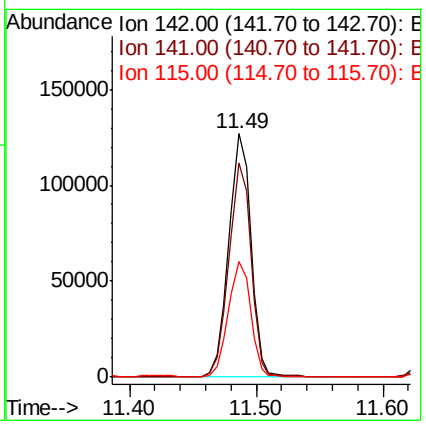


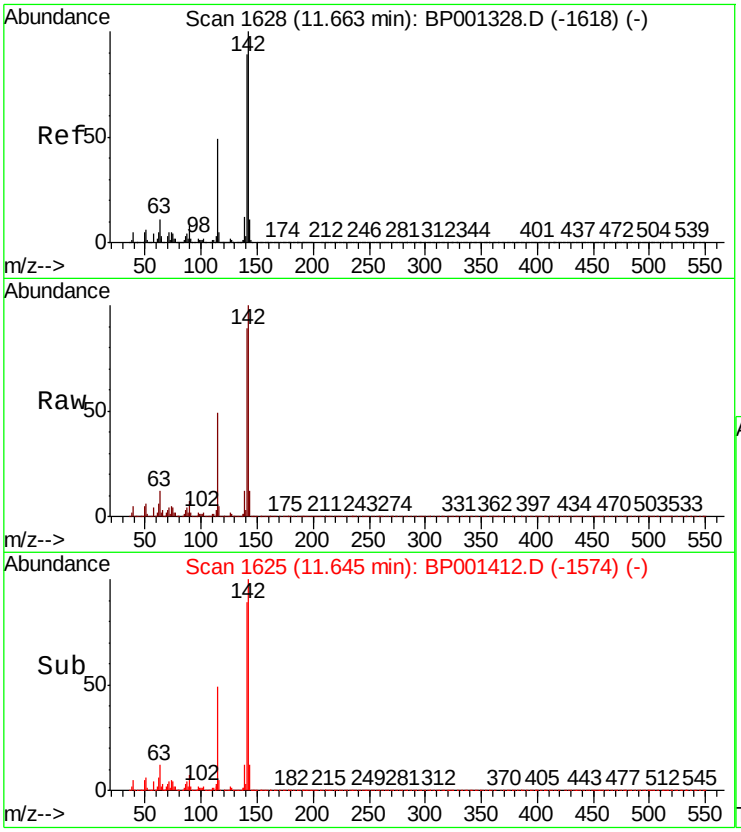


#37
2-Methylnaphthalene
Concen: 33.141 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Tgt Ion:142 Resp: 154096

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.2	105.2
115	47.5	37.0	55.4



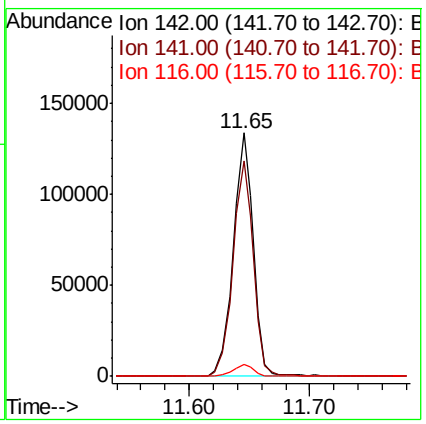


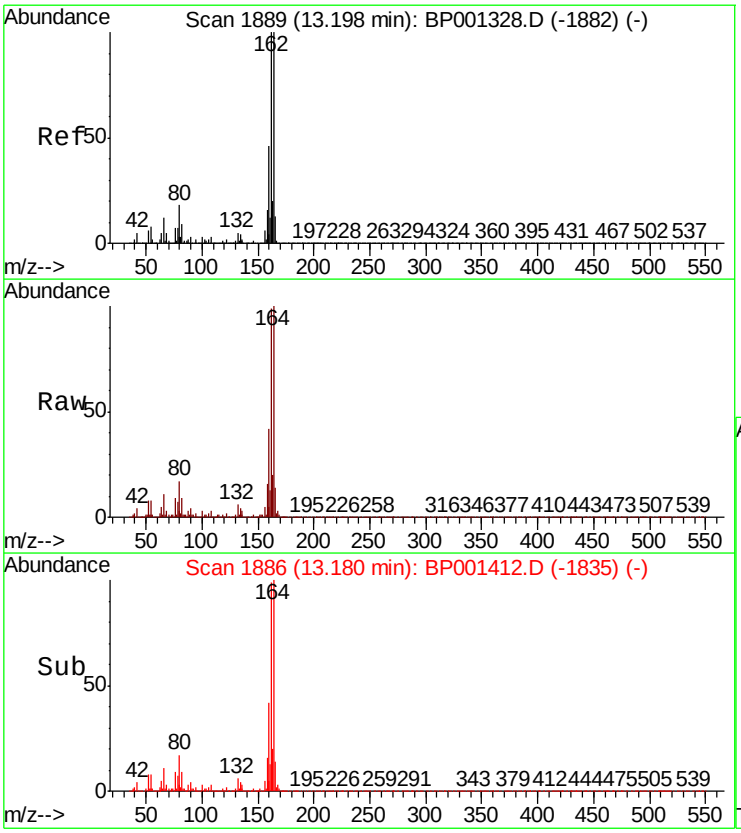
#38
1-Methylnaphthalene
Concen: 35.162 ng
RT: 11.65 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:142 Resp: 153707

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.9	109.3
116	4.9	3.8	5.8

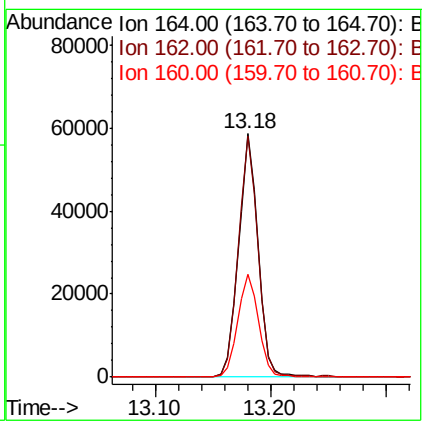


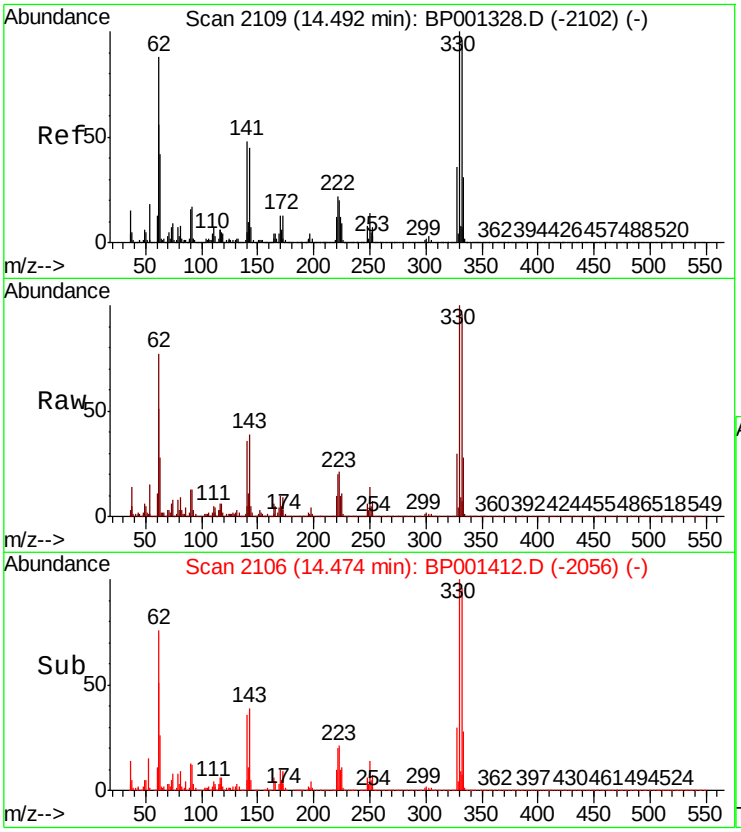


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.18 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Tgt Ion:164 Resp: 68859

Ion	Ratio	Lower	Upper
164	100		
162	99.0	78.2	117.4
160	42.2	35.1	52.7



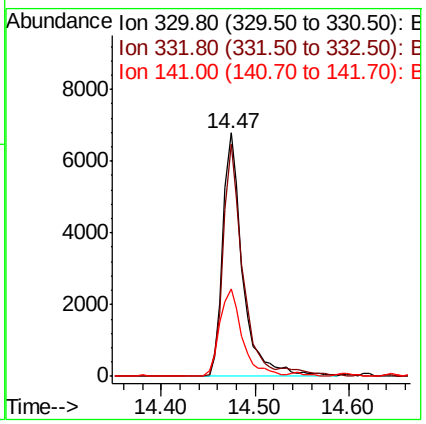


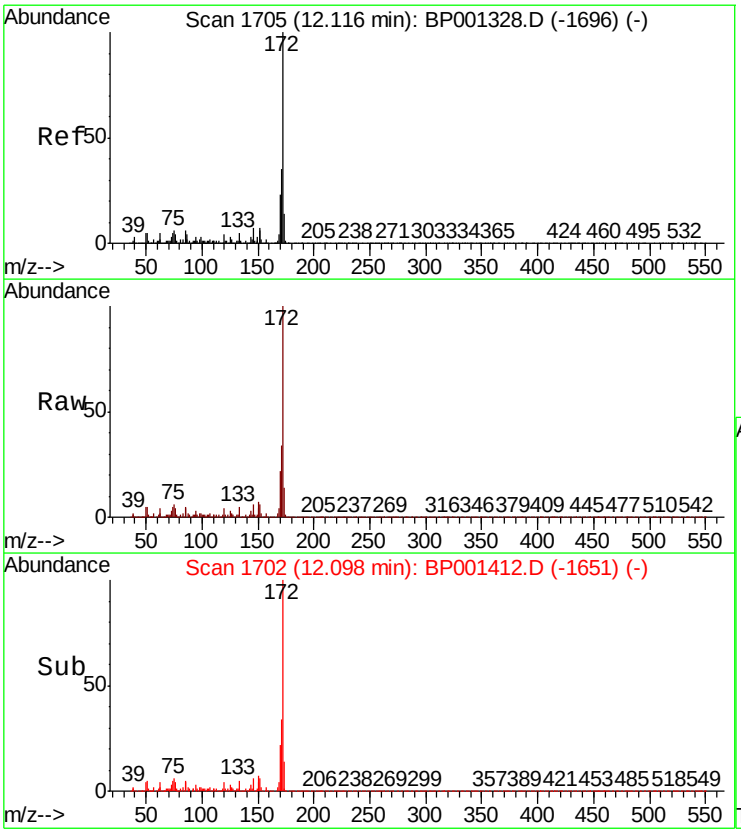
#42
2,4,6-Tribromophenol
Concen: 11.652 ng
RT: 14.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 10031

Ion	Ratio	Lower	Upper
330	100		
332	96.5	78.3	117.5
141	40.0	26.8	40.2

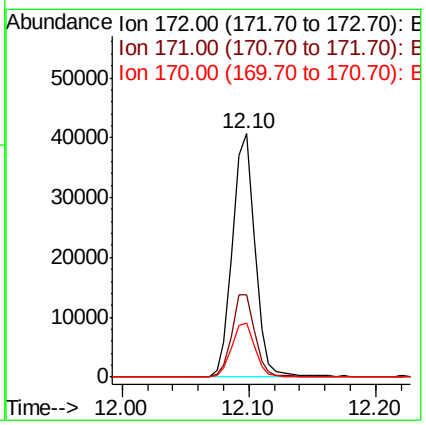


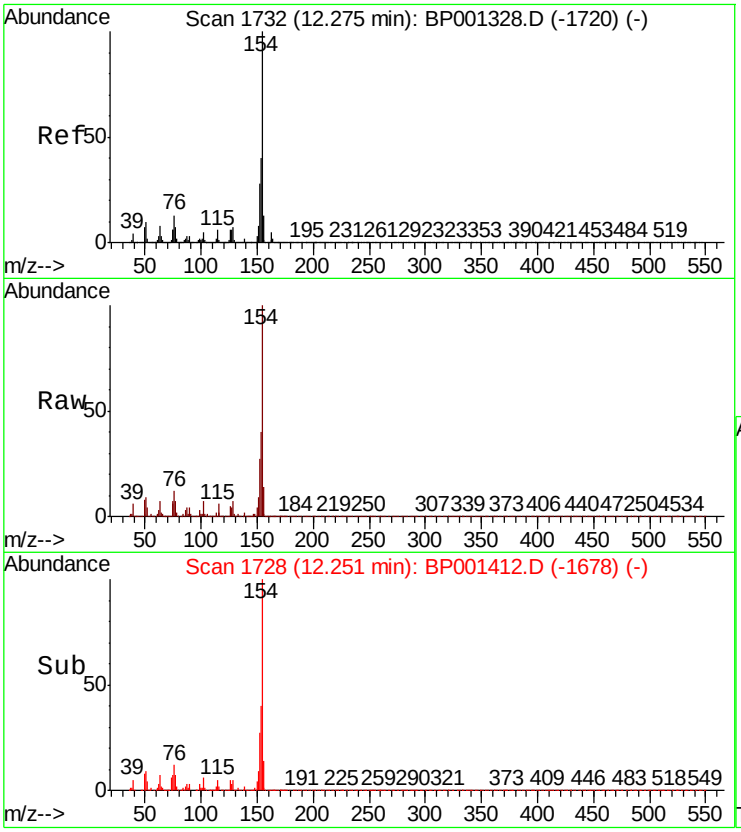


#45
2-Fluorobiphenyl
Concen: 9.189 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Tgt Ion:172 Resp: 50039

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.4	41.0
170	22.2	18.2	27.4



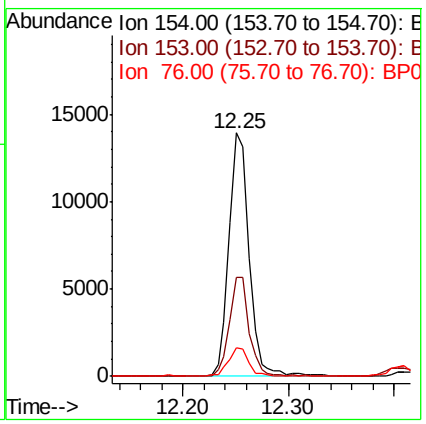


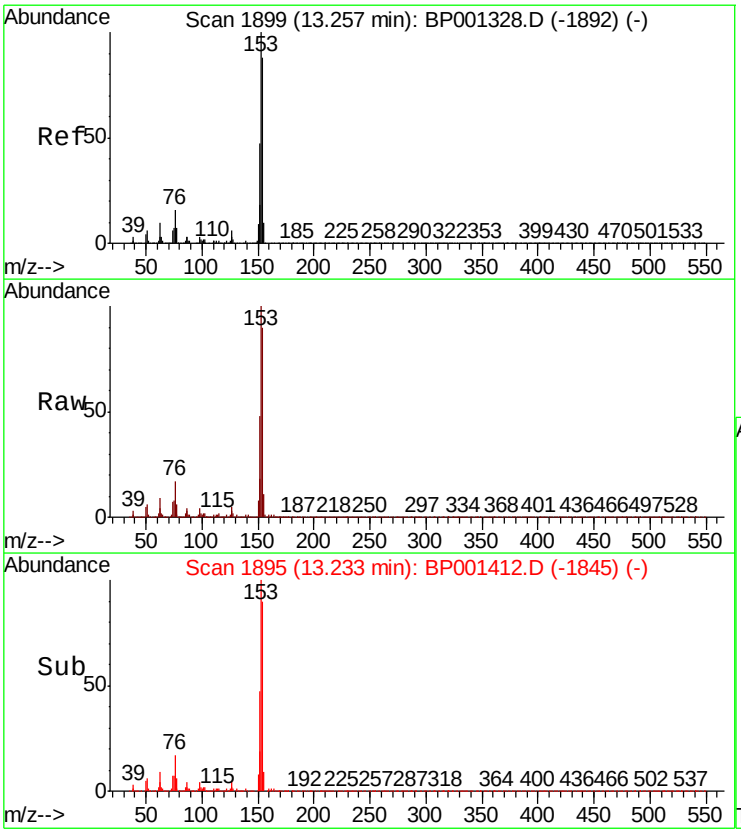
#46
1,1'-Biphenyl
Concen: 3.172 ng
RT: 12.25 min Scan# 1728
Delta R.T. -0.01 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:154 Resp: 18276

Ion	Ratio	Lower	Upper
154	100		
153	40.5	19.5	59.5
76	11.7	0.0	31.5

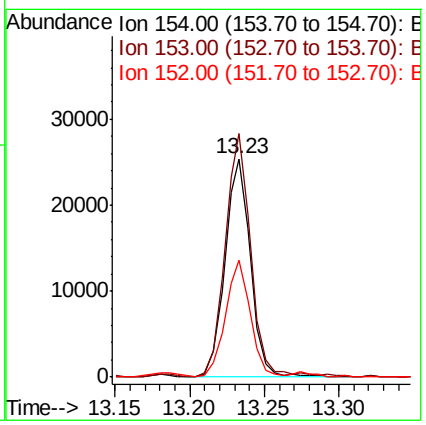


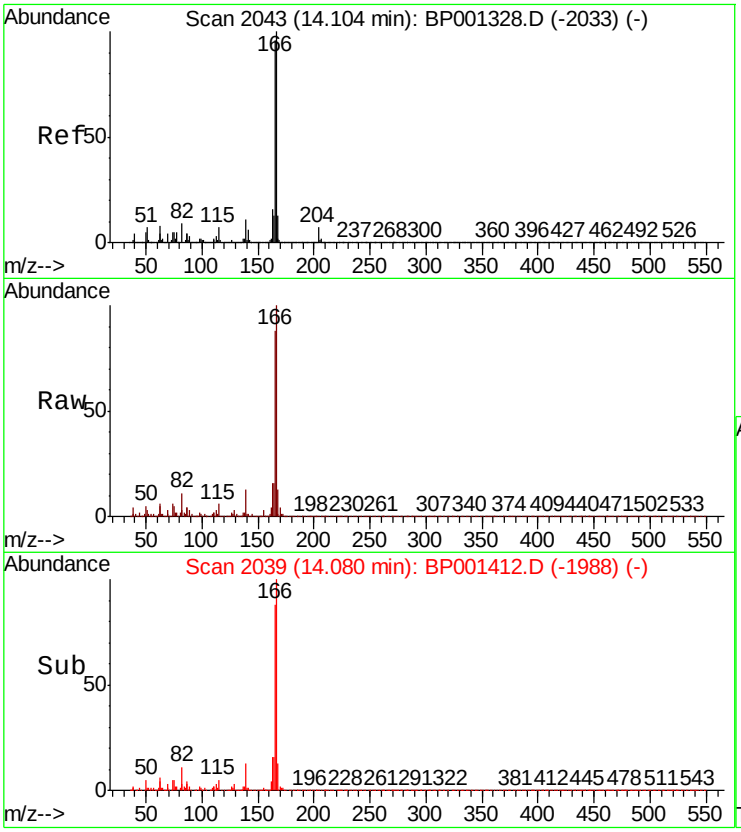


#52
Acenaphthene
Concen: 7.450 ng
RT: 13.23 min Scan# 1895
Delta R.T. -0.01 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Tgt Ion:154 Resp: 30565

Ion	Ratio	Lower	Upper
154	100		
153	111.6	90.1	135.1
152	53.3	41.8	62.6



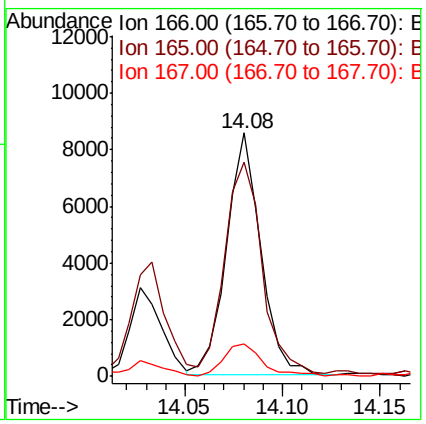


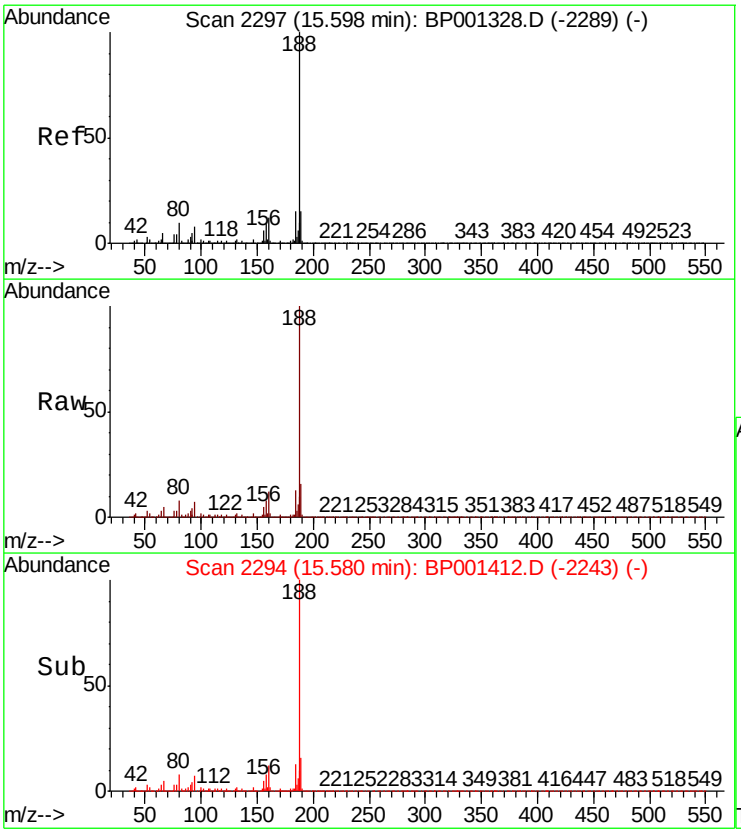
#58
Fluorene
Concen: 2.022 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:166 Resp: 10394

Ion	Ratio	Lower	Upper
166	100		
165	87.8	76.6	114.8
167	13.1	11.0	16.4

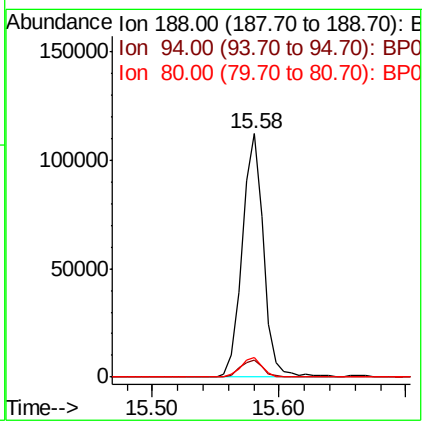


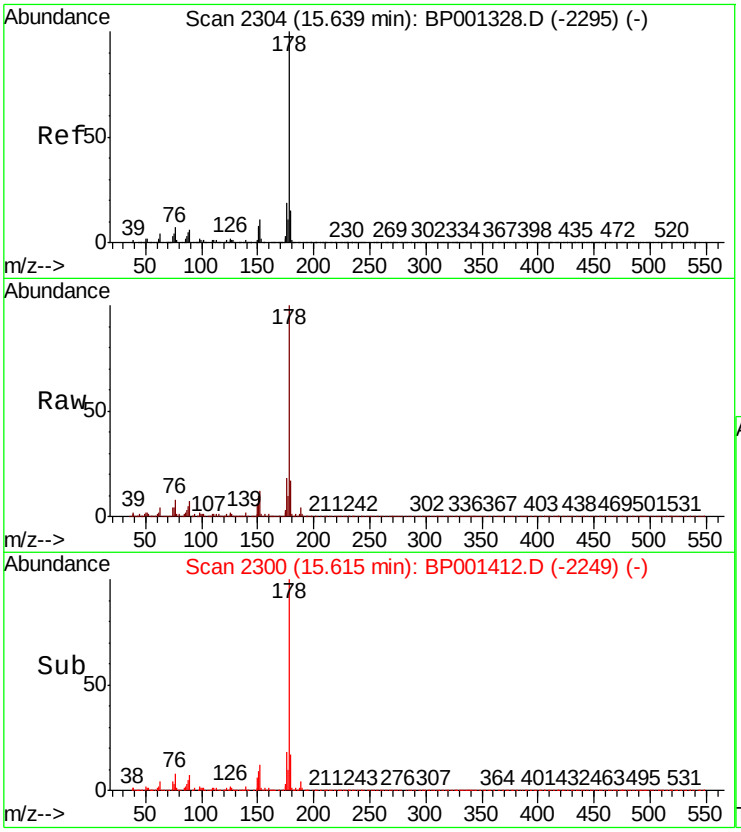


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Tgt Ion:188 Resp: 129841

Ion	Ratio	Lower	Upper
188	100		
94	7.0	5.8	8.8
80	7.8	5.7	8.5



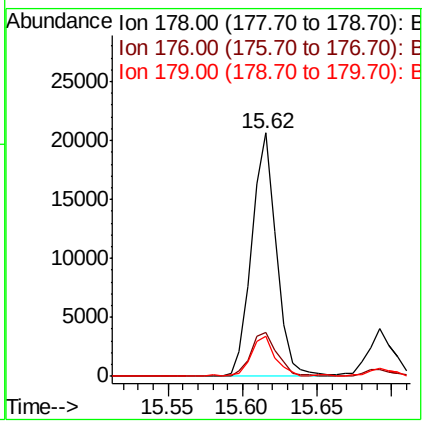


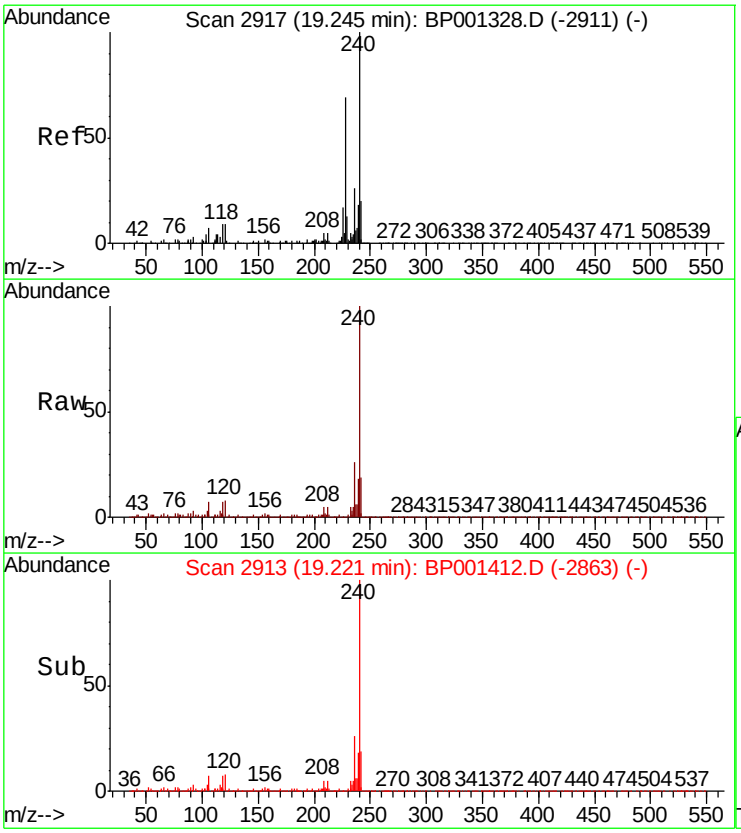
#71
Phenanthrene
Concen: 3.164 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.00 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 23441

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.4	23.0
179	16.6	12.2	18.2

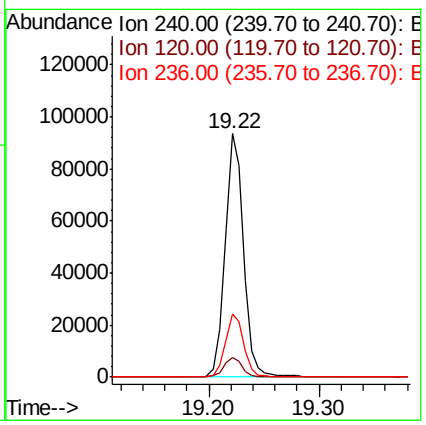


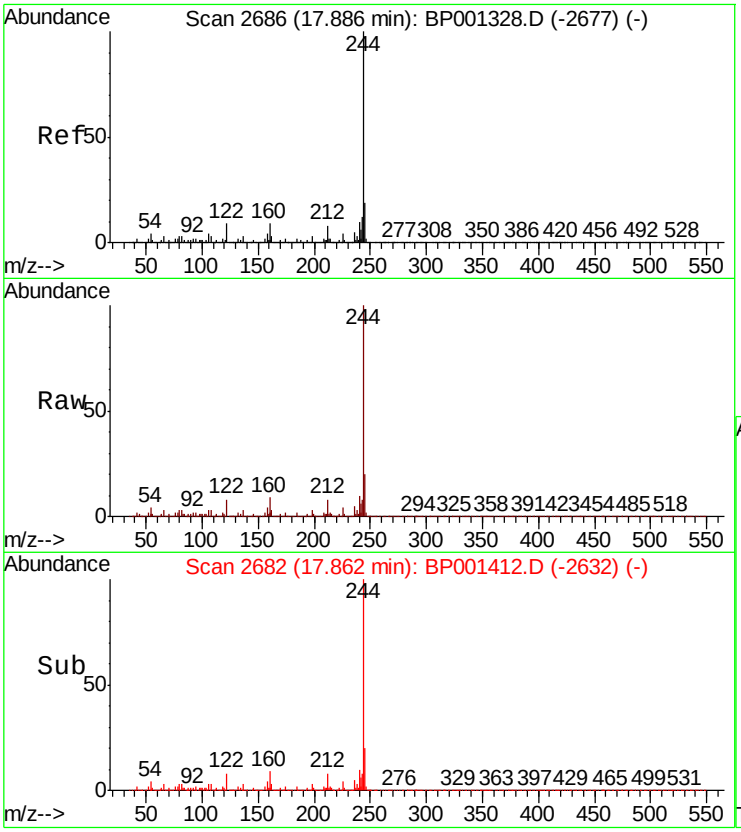


#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Tgt Ion:240 Resp: 109804

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.2	9.2
236	26.2	20.2	30.2



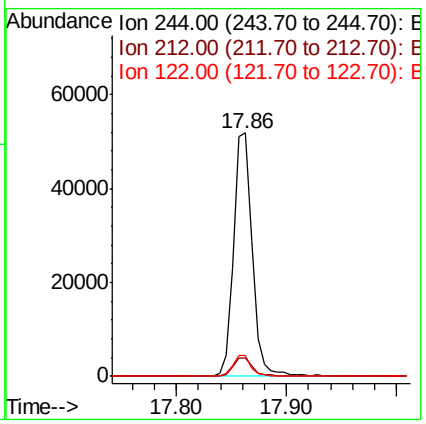


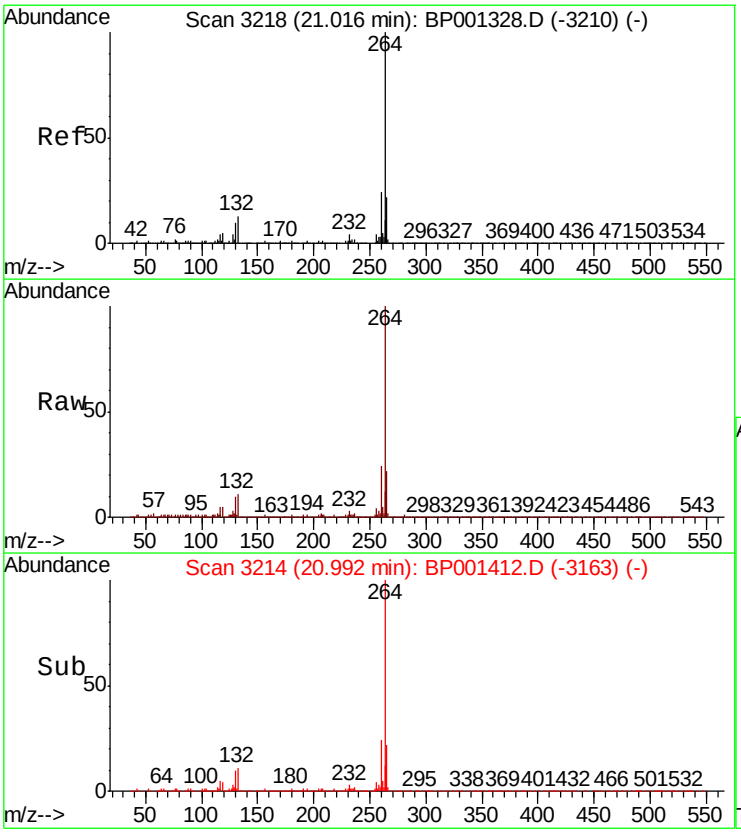
#79
Terphenyl-d14
Concen: 9.662 ng
RT: 17.86 min Scan# 2682
Delta R.T. -0.01 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 61942

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	8.4	6.4	9.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 20.99 min Scan# 3214
Delta R.T. -0.00 min
Lab File: BP001412.D
Acq: 25 Dec 2019 07:48

Tgt Ion:264 Resp: 110181

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.4
265	21.7	17.0	25.4