Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001128.D
Acq On : 02 Dec 2019 16:14
Operator : JU
Sample : K6013-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Dec 02 16:40:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 17:38:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	159064	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	626645	20.00	ng		0.00
39) Acenaphthene-d10	13.23	164	340621	20.00	ng		0.00
64) Phenanthrene-d10	15.62	188	597165	20.00	ng		0.00
76) Chrysene-d12	19.27	240	389642	20.00	ng		0.00
87) Perylene-d12	21.05	264	430576	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	901622	94.04	ng		0.00
7) Phenol-d6	7.78	99	1276459	99.94	ng		0.00
23) Nitrobenzene-d5	9.20	82	832660	57.65	ng		0.00
42) 2,4,6-Tribromophenol	14.52	330	273082	83.64	ng		0.00
45) 2-Fluorobiphenyl	12.15	172	1354996	58.22	ng		0.00
79) Terphenyl-d14	17.91	244	1186727	56.35	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	7.62	77	1443	Below Cal		#	48
10) Phenol	7.79	94	30015	2.066	ng		91
19) n-Nitroso-di-n-propylamine	9.20	70	115862	12.571	ng	#	83
27) 2,4-Dimethylphenol	9.84	122	29104	3.493	ng		99
31) Naphthalene	10.39	128	145419	4.544	ng		99
50) Dimethylphthalate	12.81	163	196975	7.732	ng		99
54) 2,4-Dinitrophenol	13.33	184	12	7.114	ng	#	1
56) 4-Nitrophenol	13.56	139	20810	4.794	ng	#	1
65) 4,6-Dinitro-2-methylphenol	14.17	198	30	6.287	ng	#	1
71) Phenanthrene	15.66	178	85909	2.736	ng		99
74) Di-n-butylphthalate	16.54	149	168750	4.457	ng		99
75) Fluoranthene	17.37	202	91044	2.739	ng		99
78) Pyrene	17.67	202	94122	3.067	ng		99
88) Benzo(b)fluoranthene	20.56	252	64947	2.470	ng	#	90
89) Benzo(k)fluoranthene	20.56	252	64947	2.564	ng	#	90

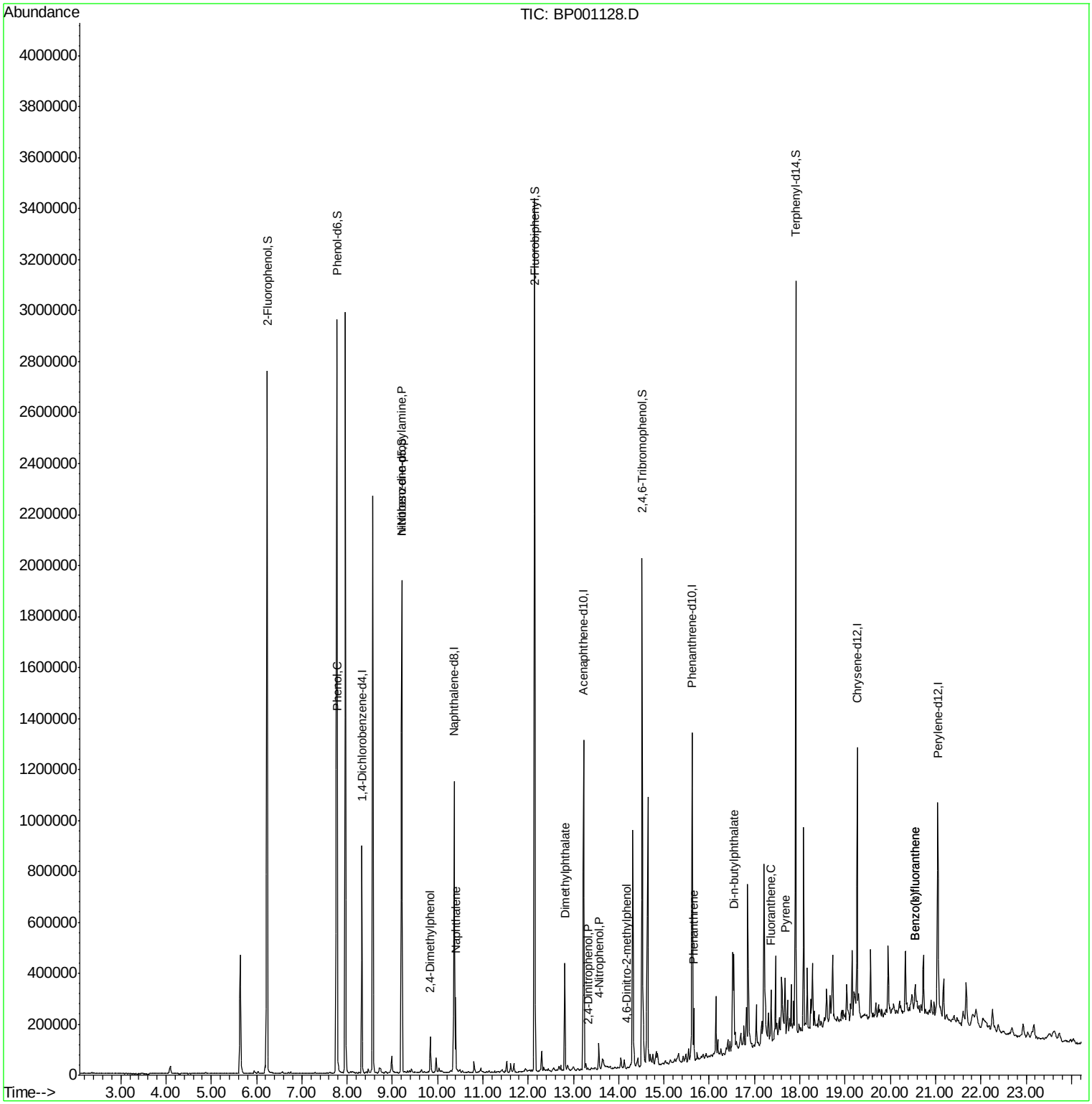
(#) = qualifier out of range (m) = manual integration (+) = signals summed

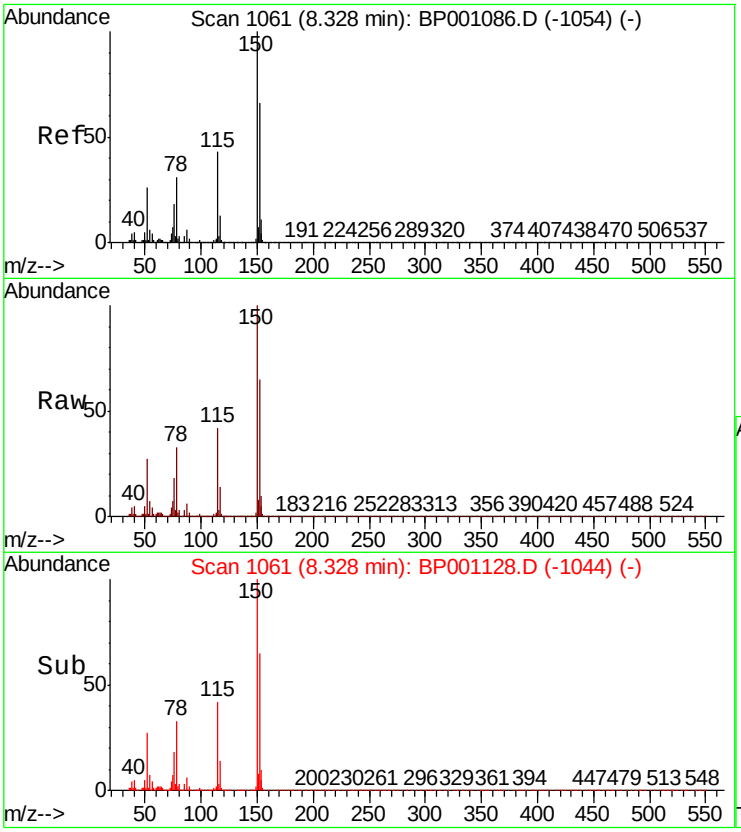
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001128.D
Acq On : 02 Dec 2019 16:14
Operator : JU
Sample : K6013-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Dec 02 16:40:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 17:38:46 2019
Response via : Initial Calibration



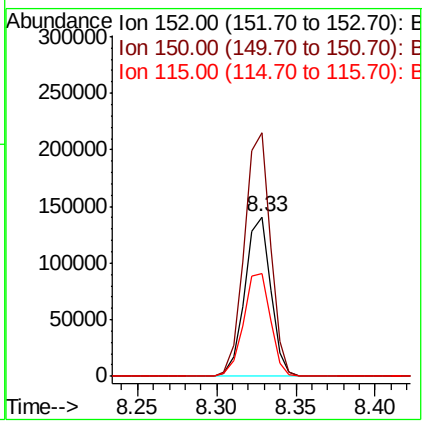


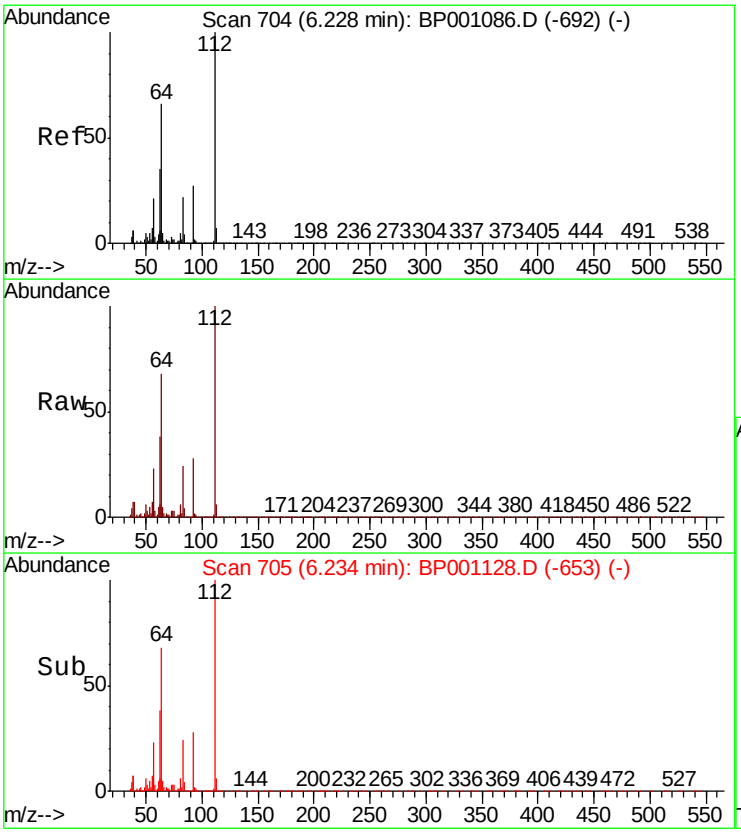
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 159064

Ion	Ratio	Lower	Upper
152	100		
150	153.0	120.6	181.0
115	64.3	51.6	77.4

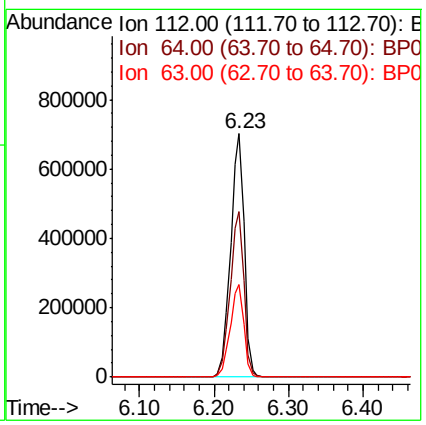


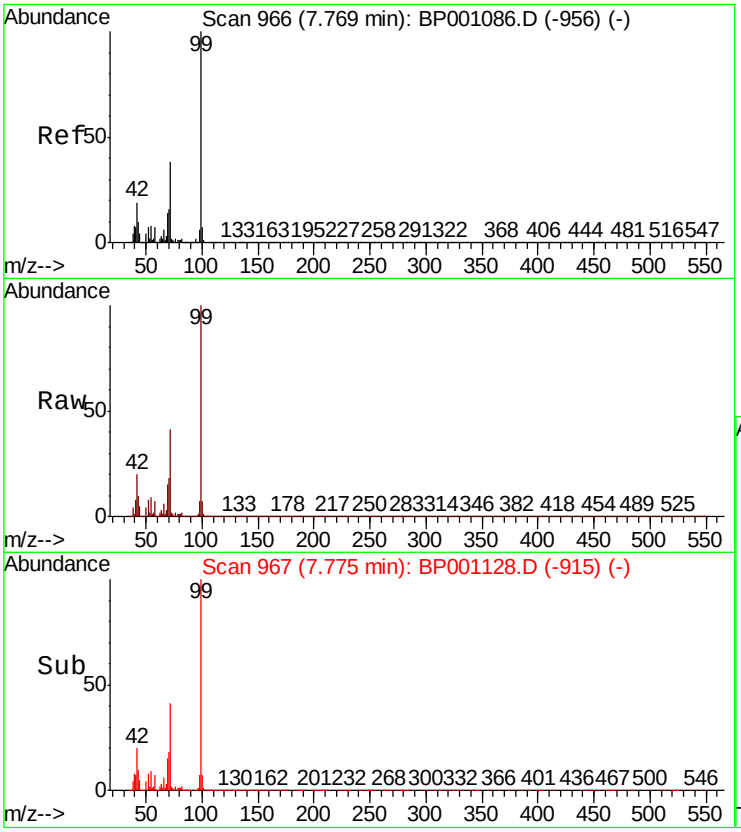


#5
2-Fluorophenol
Concen: 94.042 ng
RT: 6.23 min Scan# 705
Delta R.T. 0.01 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Tgt Ion:112 Resp: 901622

Ion	Ratio	Lower	Upper
112	100		
64	68.0	52.8	79.2
63	38.2	28.2	42.2



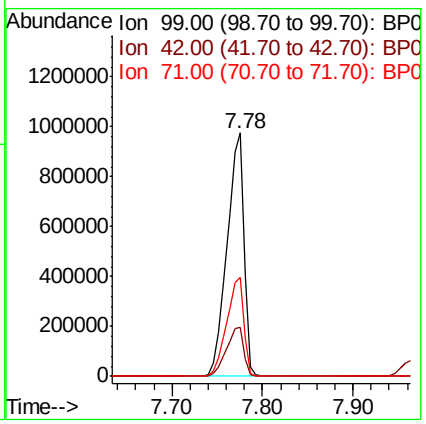


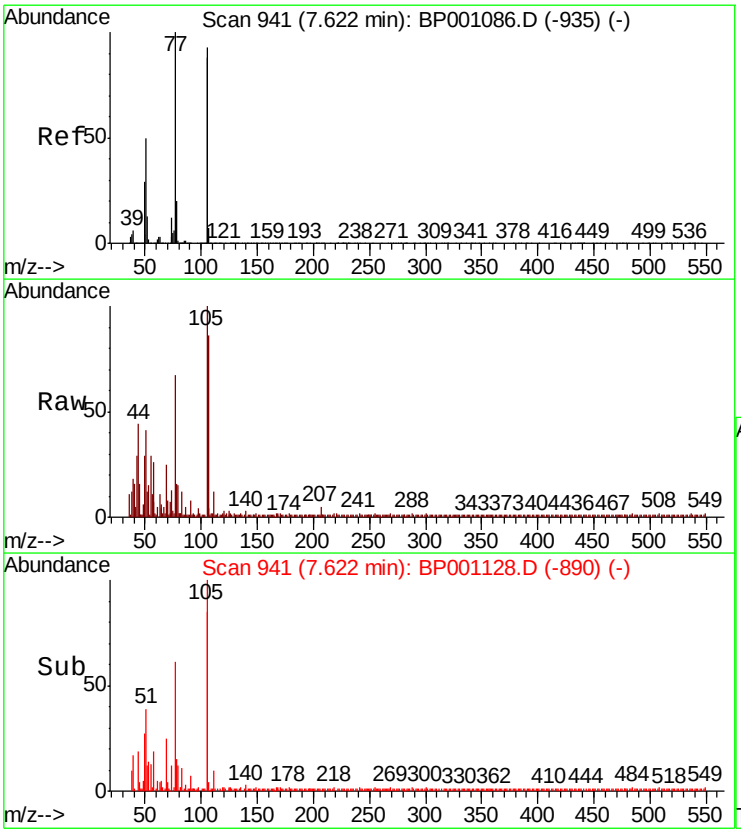
#7
Phenol-d6
Concen: 99.935 ng
RT: 7.78 min Scan# 967
Delta R.T. 0.01 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 1276459

Ion	Ratio	Lower	Upper
99	100		
42	20.4	15.4	23.0
71	40.9	30.8	46.2

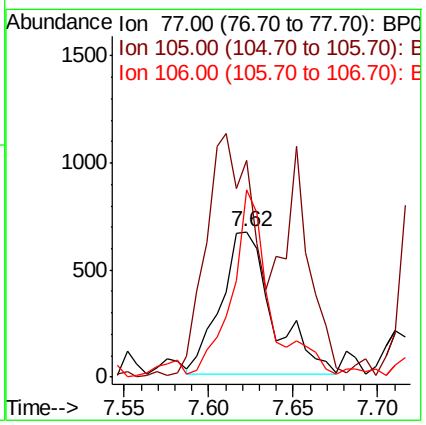


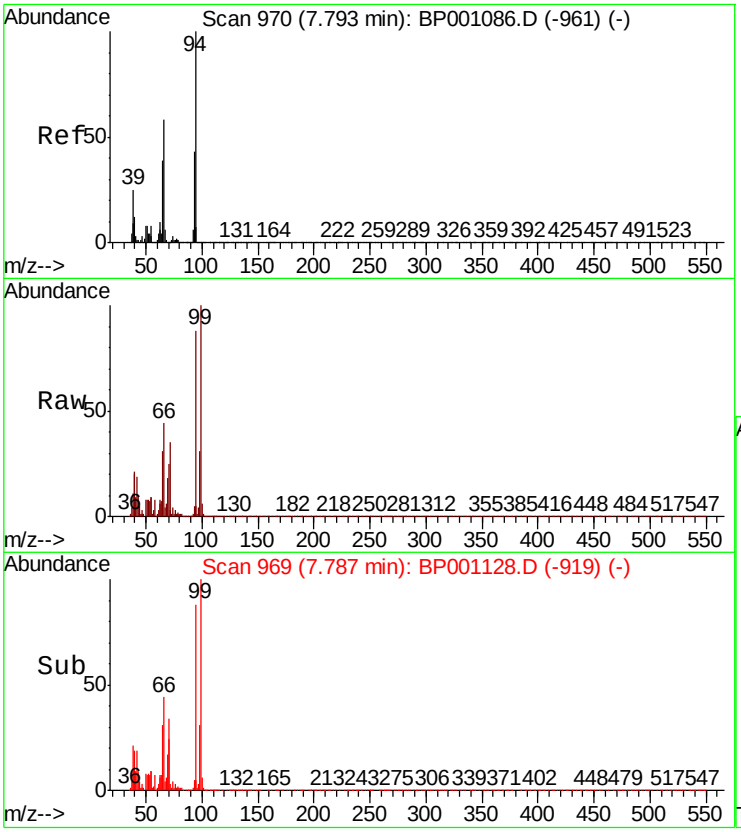


#9
Benzaldehyde
Concen: Below Cal
RT: 7.62 min Scan# 941
Delta R.T. 0.00 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Tgt Ion: 77 Resp: 1443

Ion	Ratio	Lower	Upper
77	100		
105	149.5	72.5	112.5#
106	128.7	67.6	107.6#



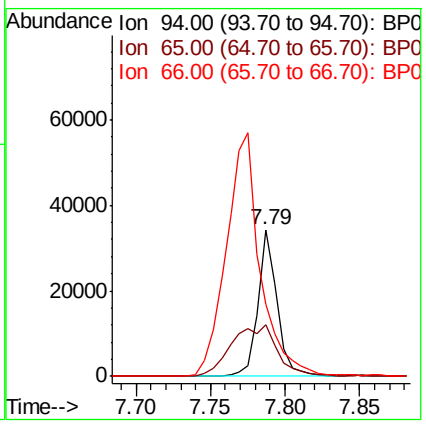


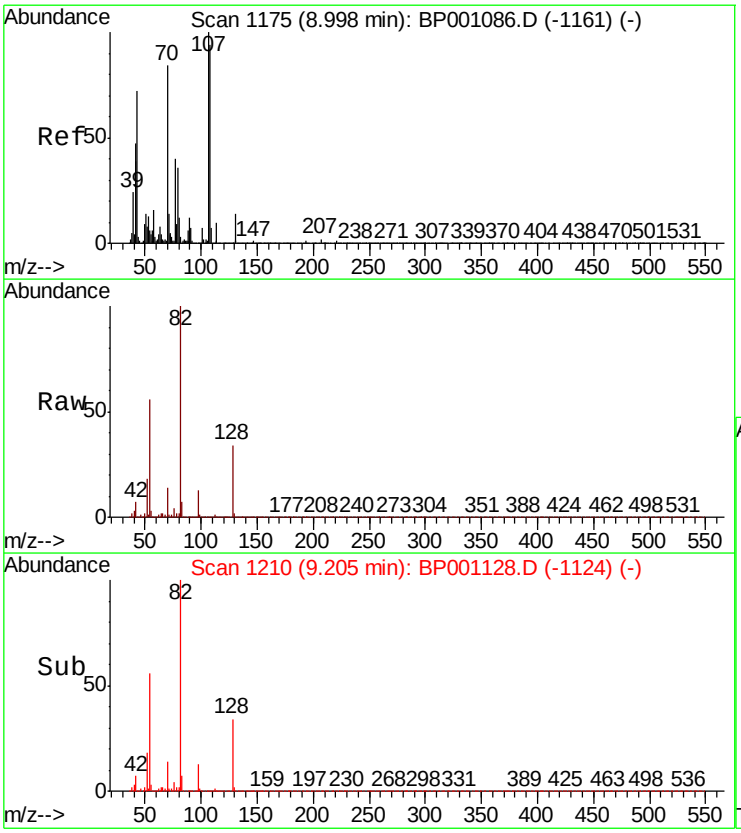
#10
Phenol
Concen: 2.066 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.01 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 30015

Ion	Ratio	Lower	Upper
94	100		
65	35.0	18.6	58.6
66	49.5	37.6	77.6

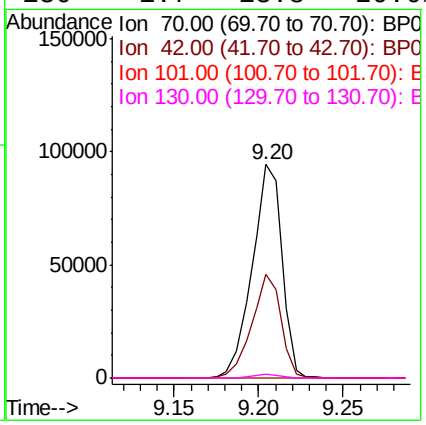


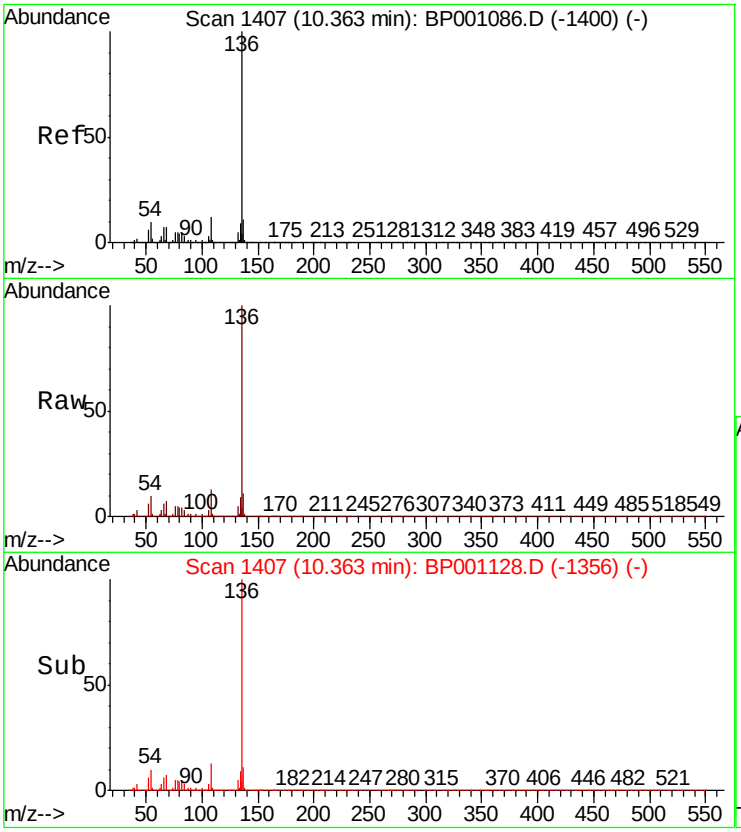


#19
n-Nitroso-di-n-propylamine
Concen: 12.571 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.21 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Tgt Ion: 70 Resp: 115862

Ion	Ratio	Lower	Upper
70	100		
42	48.7	44.6	66.8
101	0.0	7.1	10.7#
130	1.7	13.8	20.6#



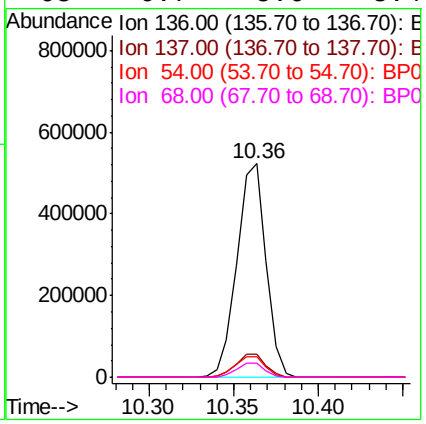


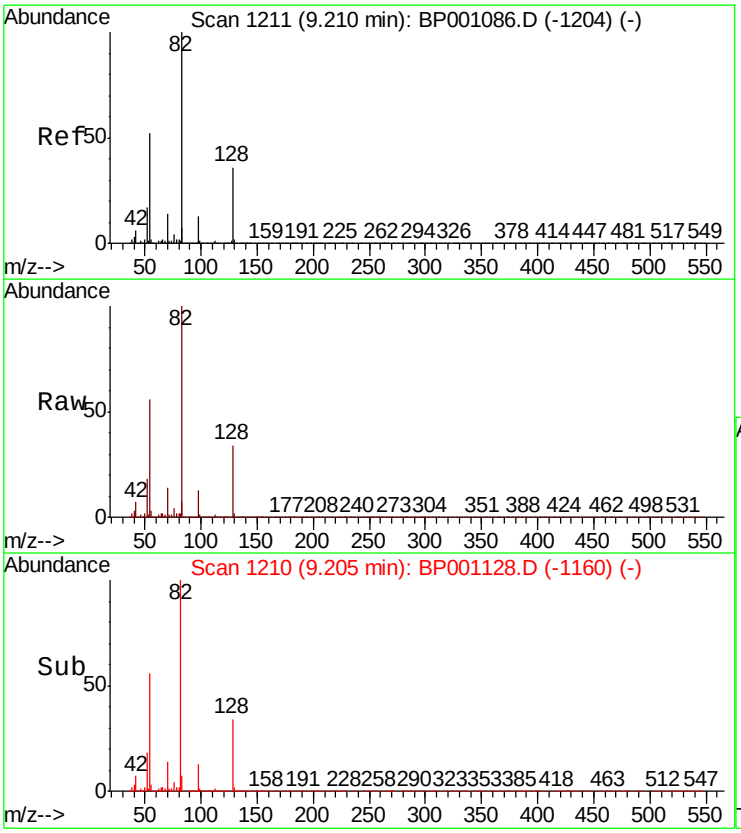
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 626645

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.6	7.9	11.9
68	6.7	5.6	8.4

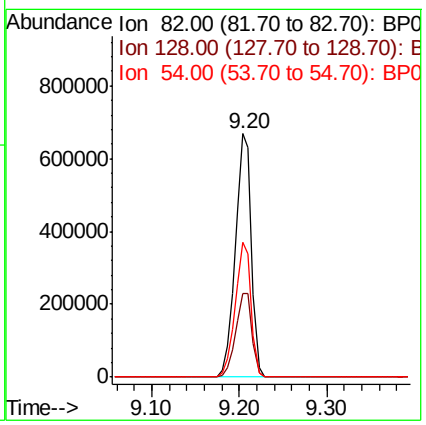


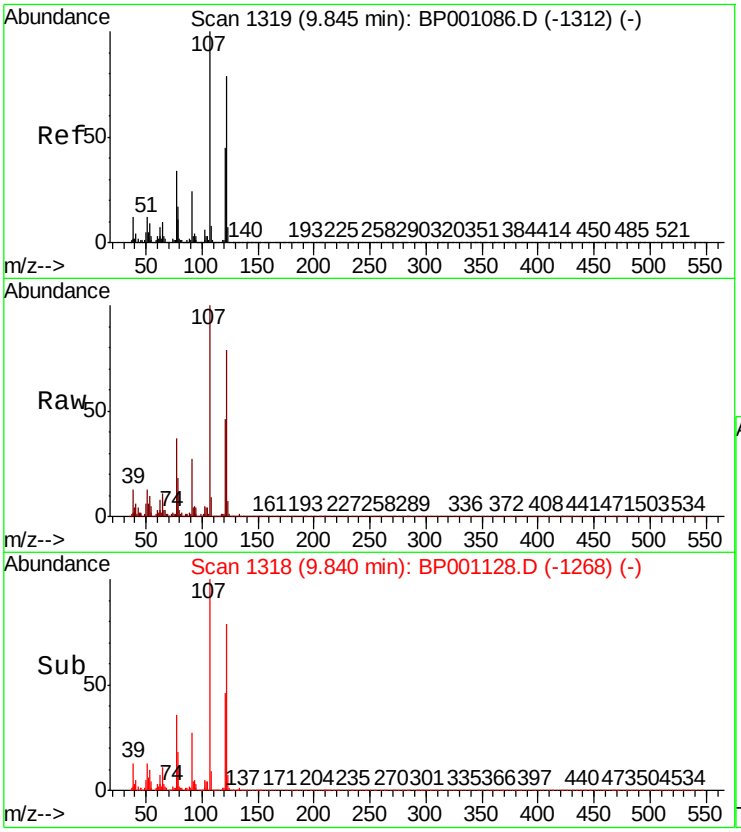


#23
Nitrobenzene-d5
Concen: 57.649 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Tgt Ion: 82 Resp: 832660

Ion	Ratio	Lower	Upper
82	100		
128	34.4	28.9	43.3
54	55.5	41.9	62.9



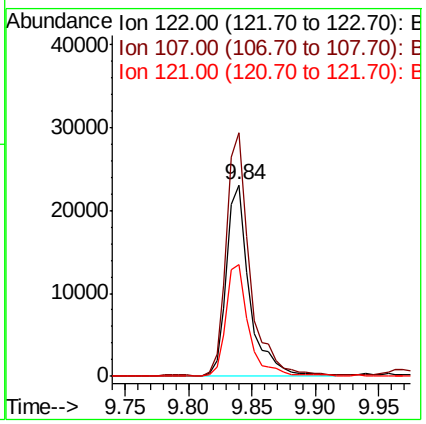


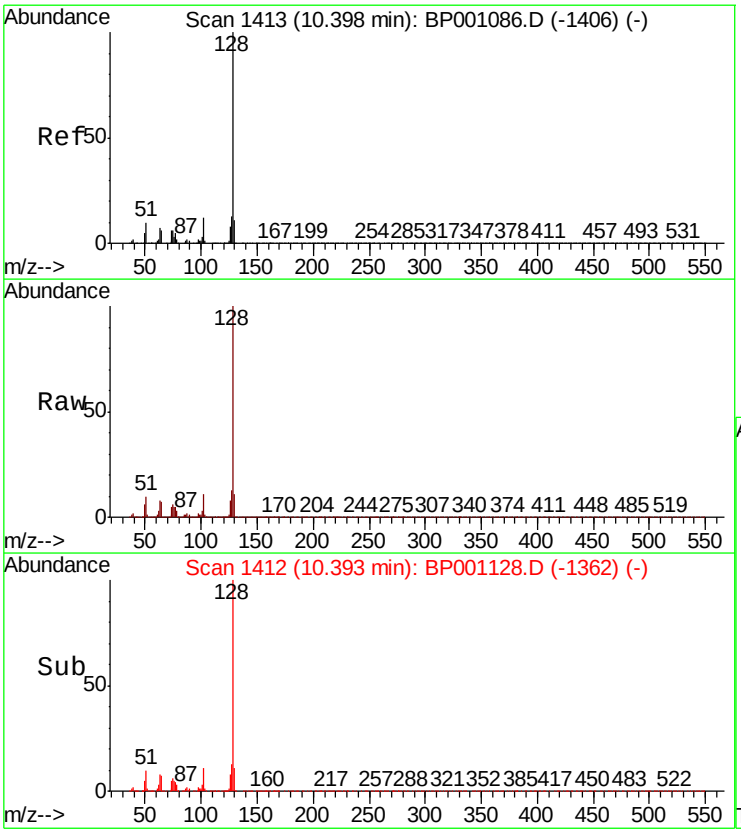
#27
2,4-Dimethylphenol
Concen: 3.493 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:122 Resp: 29104

Ion	Ratio	Lower	Upper
122	100		
107	127.0	101.9	152.9
121	58.3	46.1	69.1

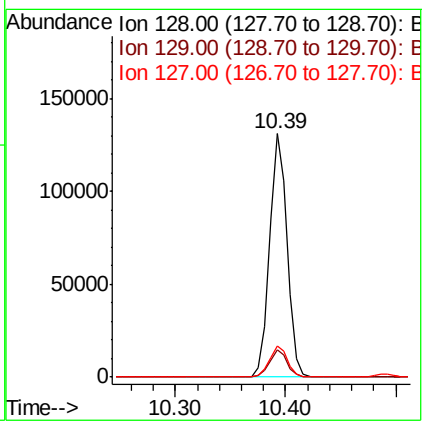


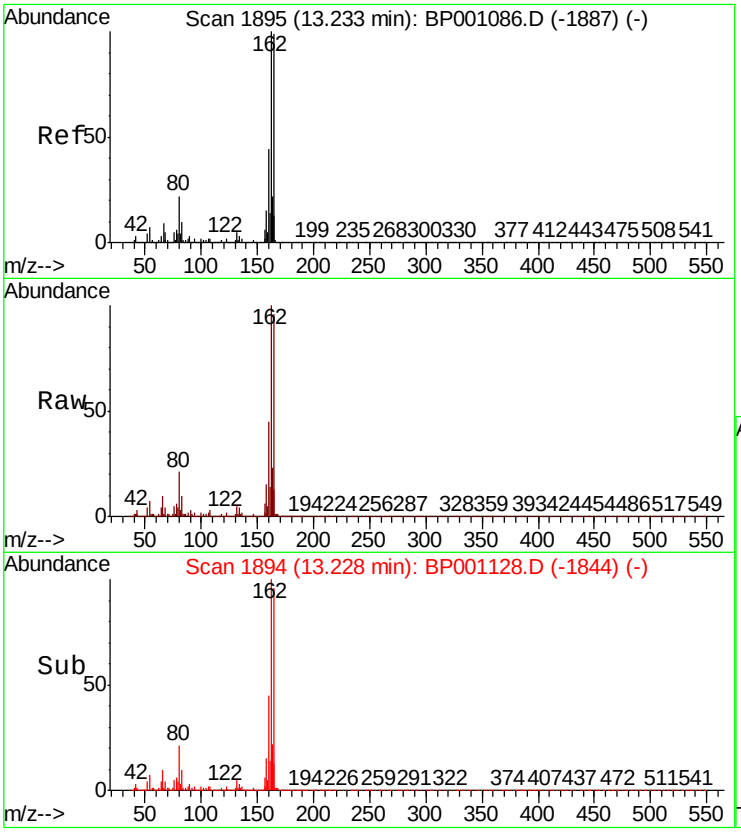


#31
Naphthalene
Concen: 4.544 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Tgt Ion:128 Resp: 145419

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.8	10.6	16.0



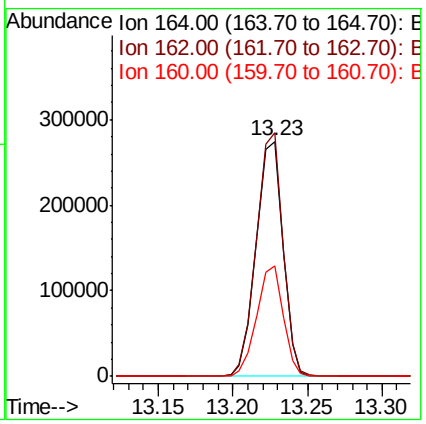


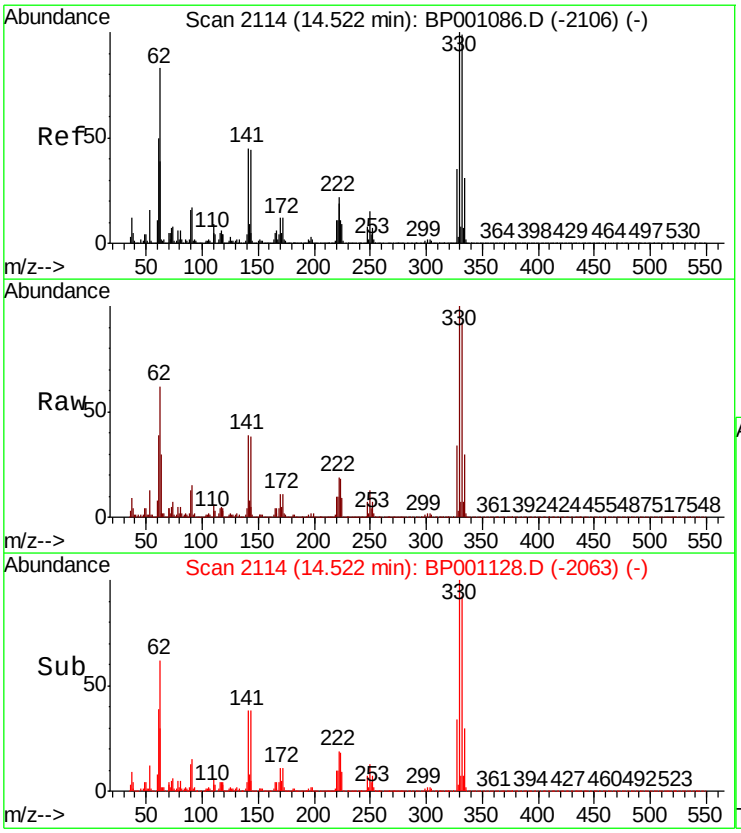
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 340621

Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.6	120.8
160	47.1	35.4	53.2

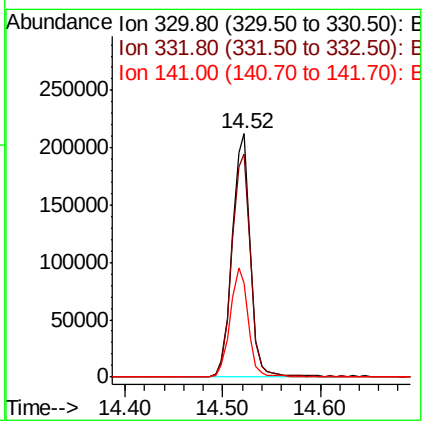


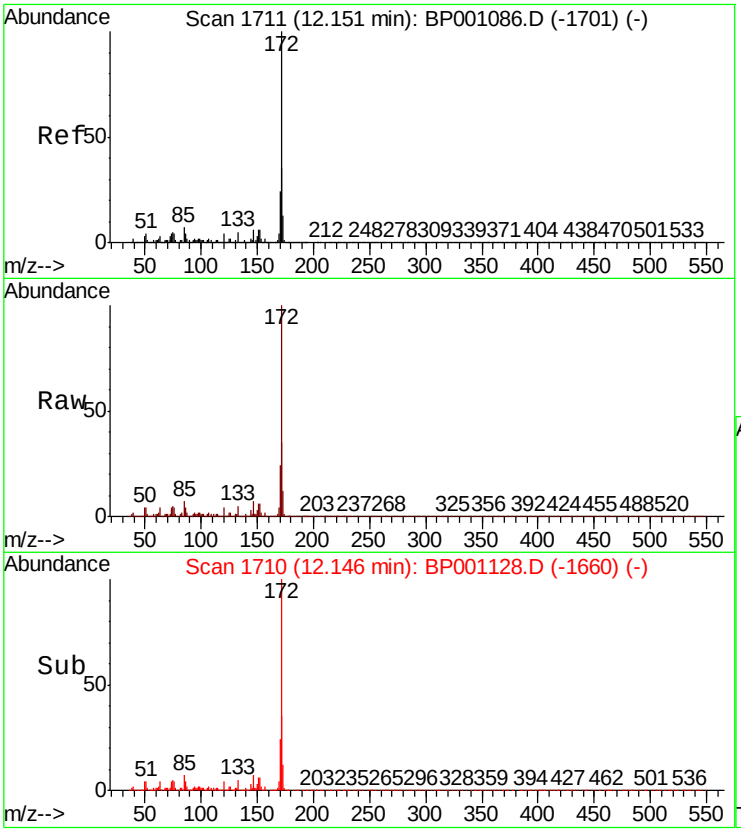


#42
2,4,6-Tribromophenol
Concen: 83.643 ng
RT: 14.52 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Tgt Ion:330 Resp: 273082

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.6	116.4
141	44.2	34.2	51.2



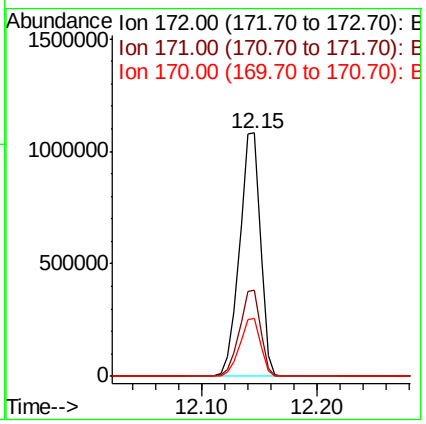


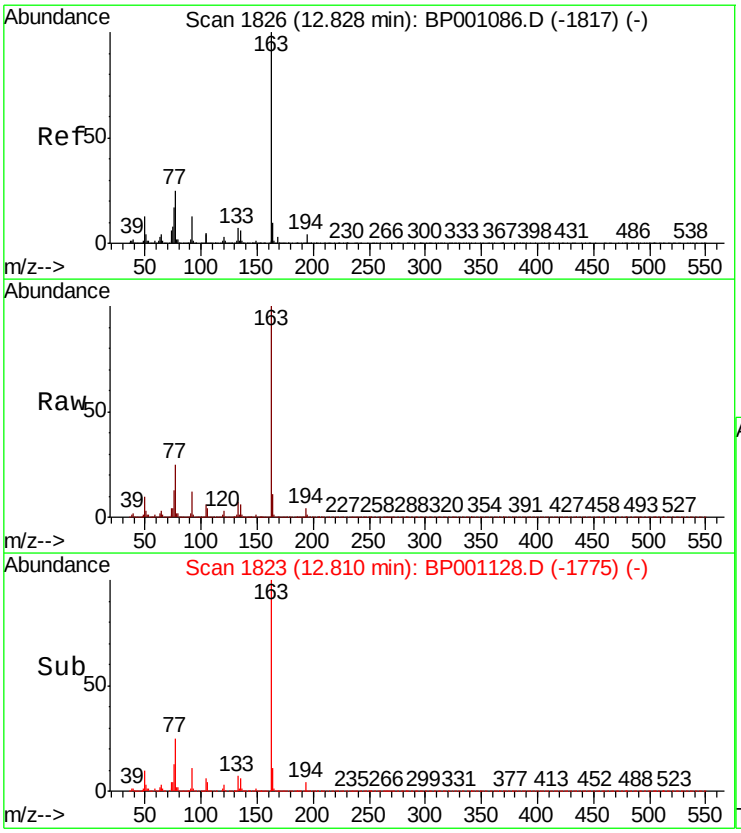
#45
2-Fluorobiphenyl
Concen: 58.221 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 1354996

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.9	41.9
170	24.0	19.0	28.4

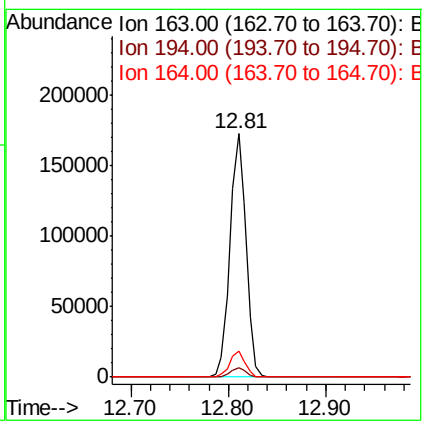


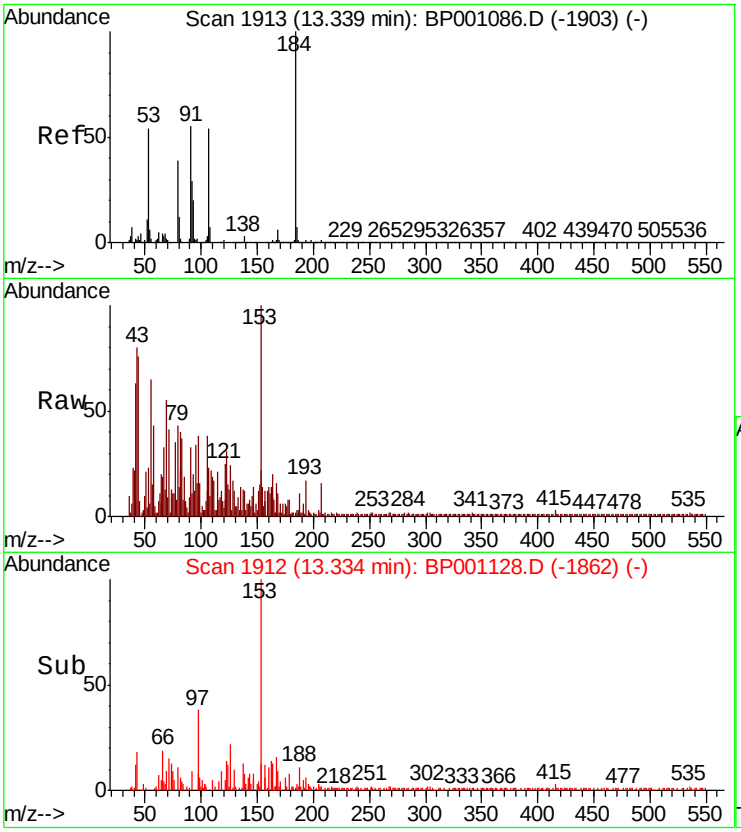


#50
Dimethylphthalate
Concen: 7.732 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Tgt Ion:163 Resp: 196975

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	10.8	8.1	12.1



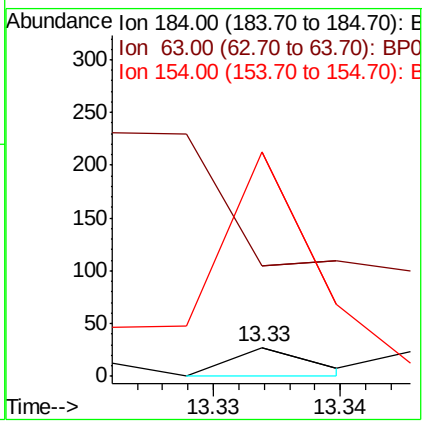


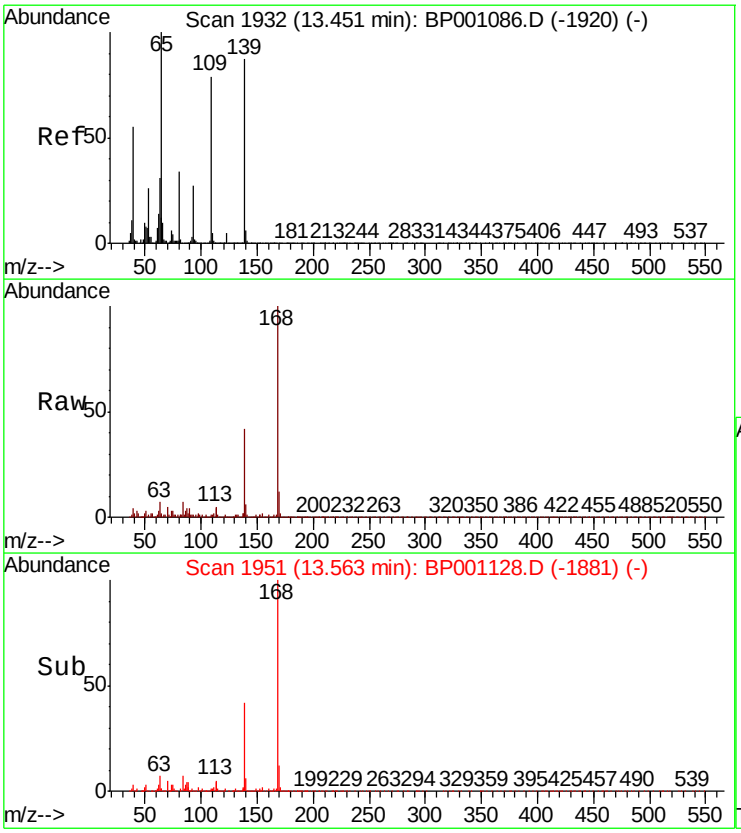
#54
2,4-Dinitrophenol
Concen: 7.114 ng
RT: 13.33 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:184 Resp: 12

Ion	Ratio	Lower	Upper
184	100		
63	388.9	60.7	91.1#
154	788.9	56.2	84.2#

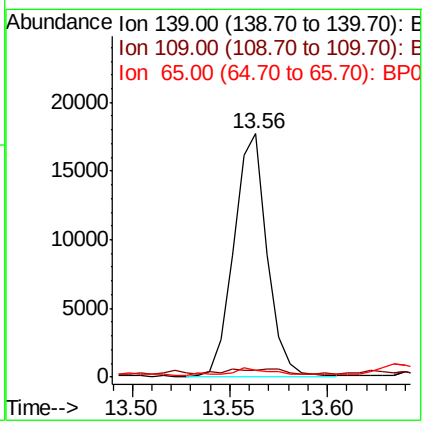


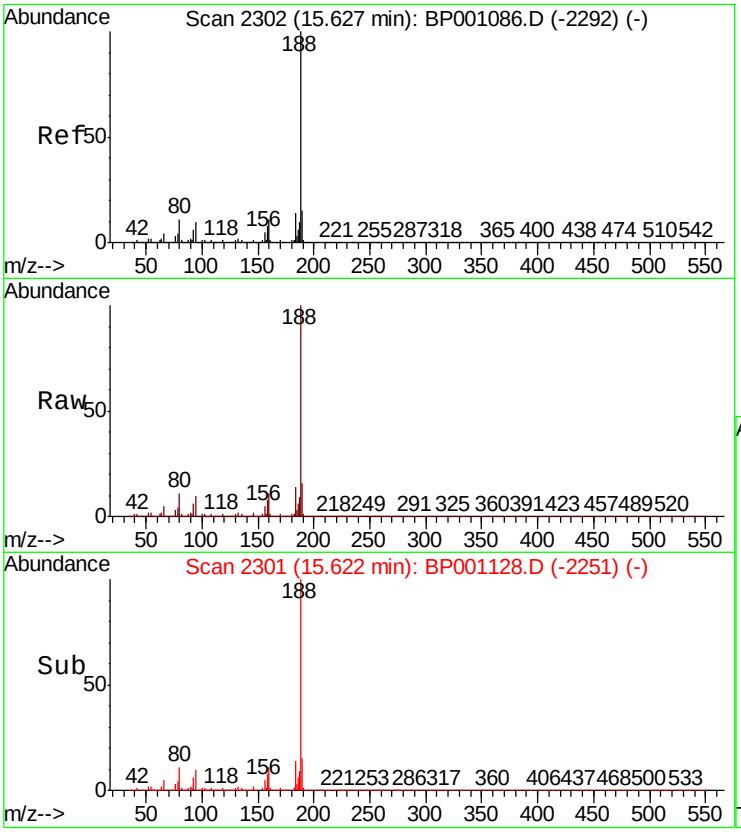


#56
4-Nitrophenol
Concen: 4.794 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.11 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Tgt Ion:139 Resp: 20810

Ion	Ratio	Lower	Upper
139	100		
109	2.8	70.9	110.9#
65	2.6	95.2	135.2#



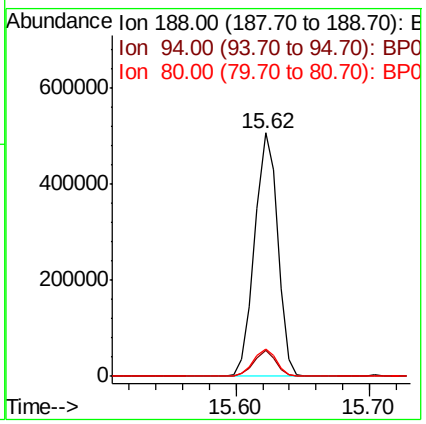


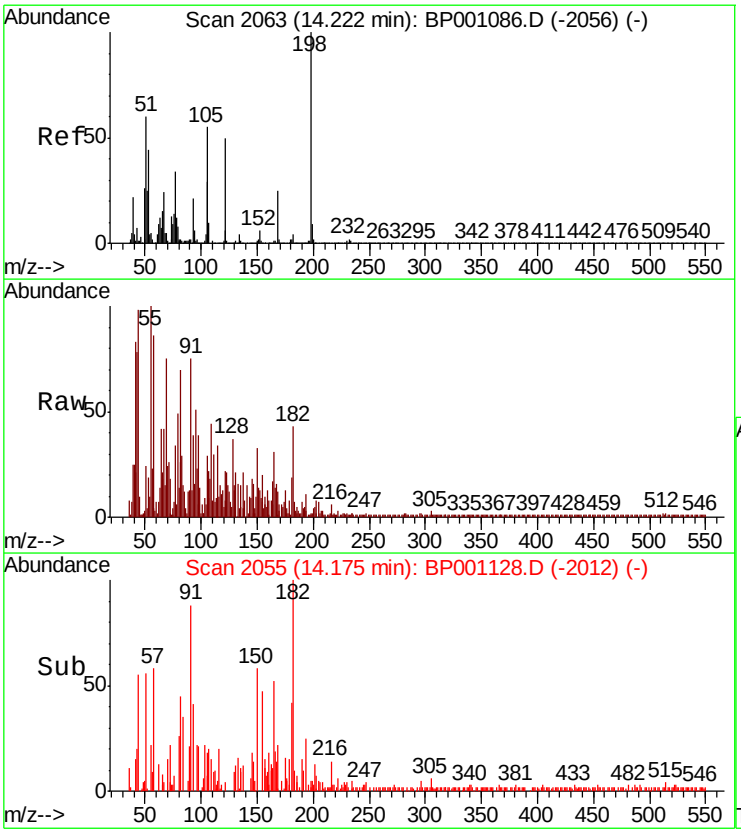
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 597165

Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.9	11.9
80	11.4	8.8	13.2

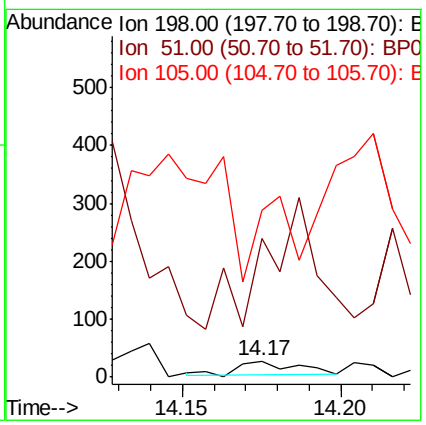


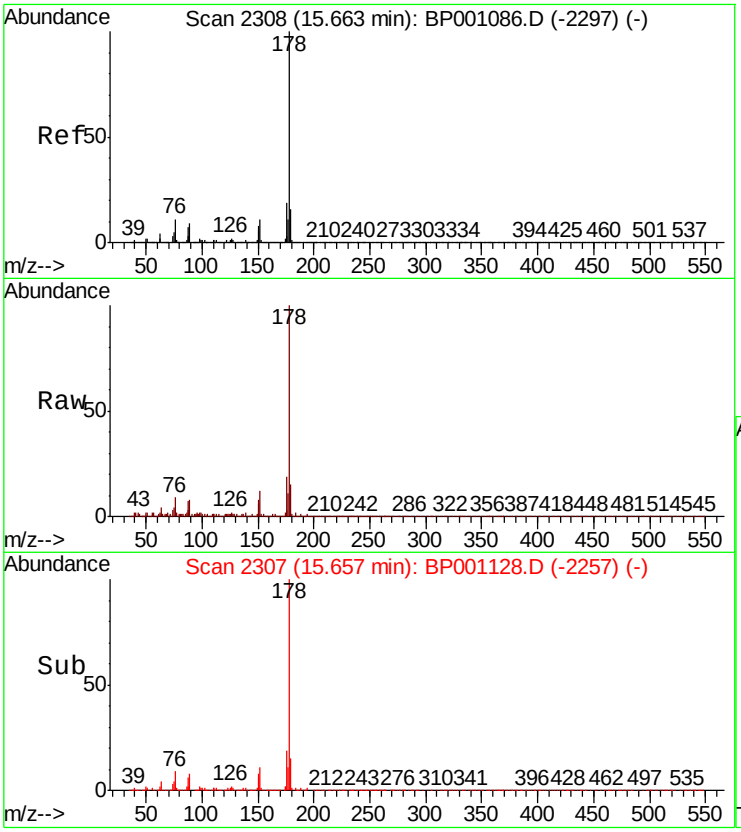


#65
4,6-Dinitro-2-methylphenol
Concen: 6.287 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.05 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Tgt Ion:198 Resp: 30

Ion	Ratio	Lower	Upper
198	100		
51	888.9	40.5	80.5#
105	1063.0	35.7	75.7#



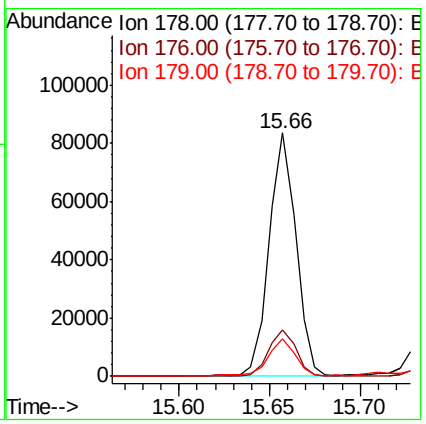


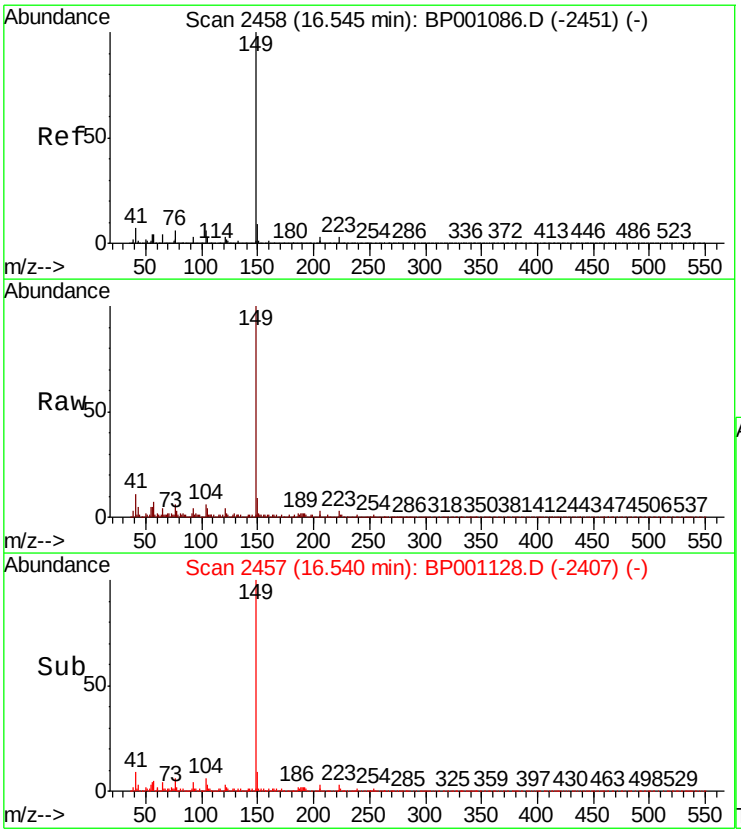
#71
Phenanthrene
Concen: 2.736 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 85909

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.5	12.5	18.7

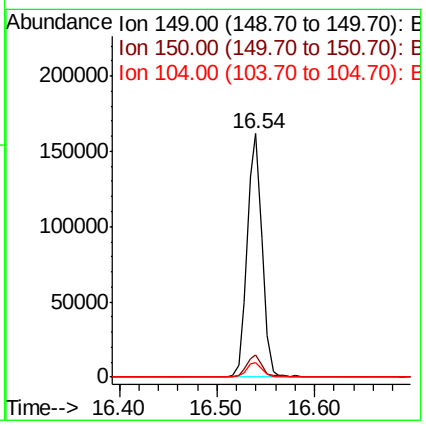


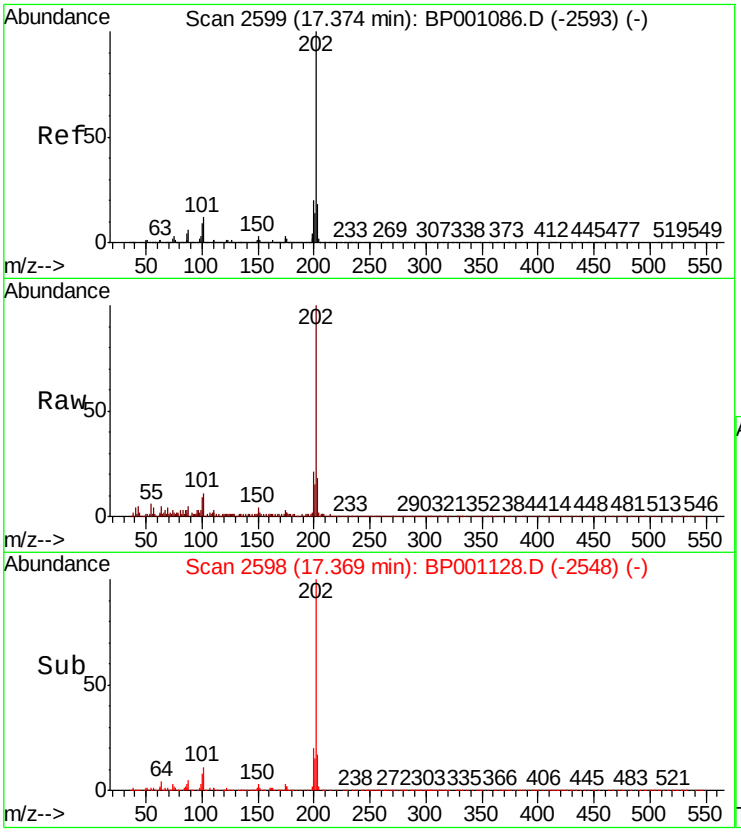


#74
Di-n-butylphthalate
Concen: 4.457 ng
RT: 16.54 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Tgt Ion:149 Resp: 168750

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	6.1	4.6	6.8



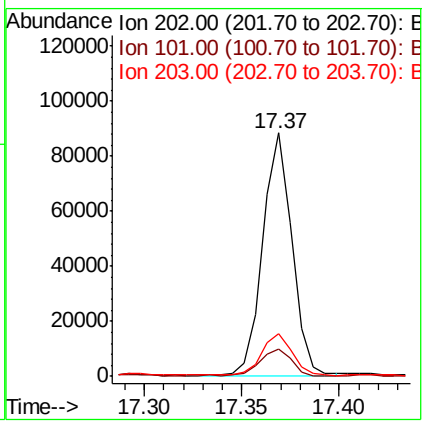


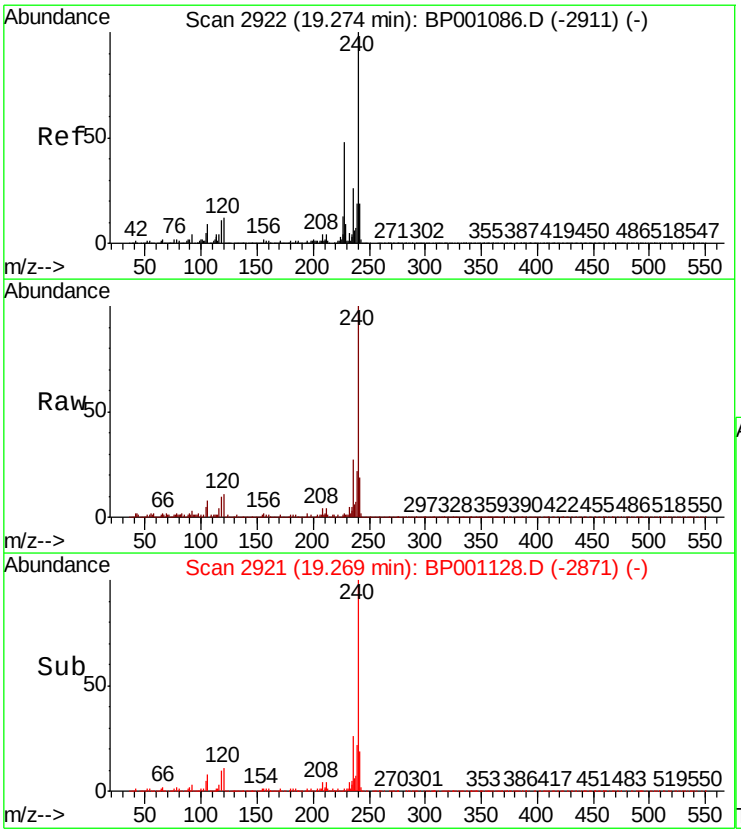
#75
Fluoranthene
Concen: 2.739 ng
RT: 17.37 min Scan# 2598
Delta R.T. -0.01 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 91044

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.1
203	17.6	0.0	37.8

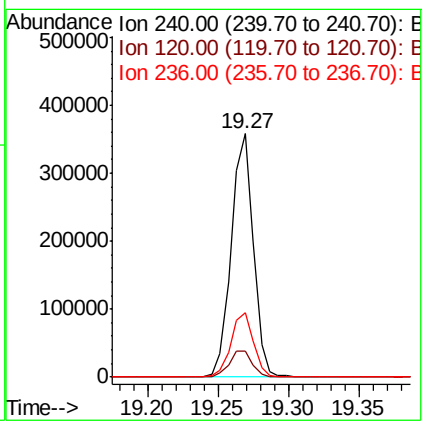


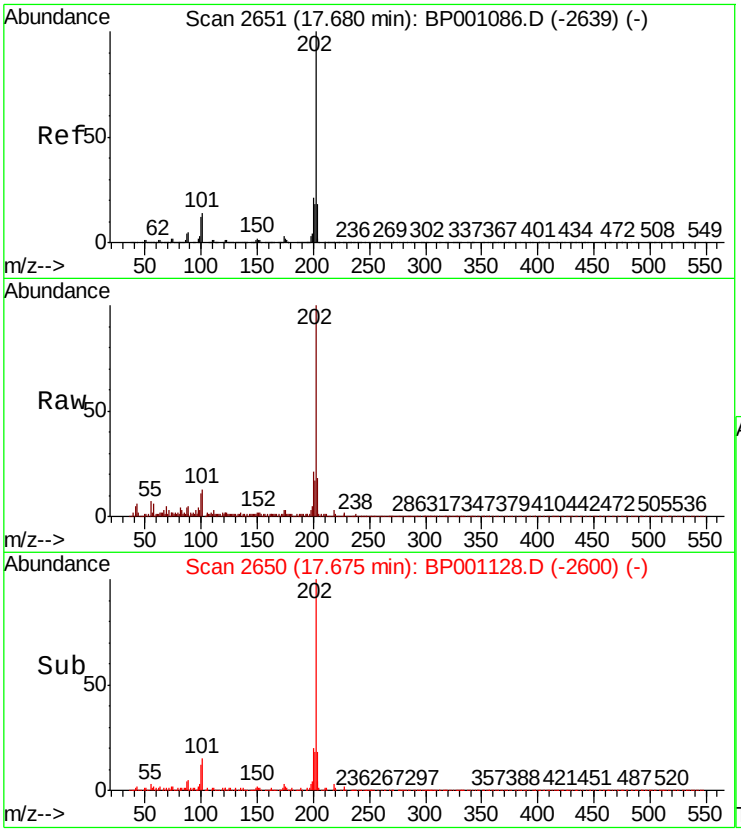


#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.27 min Scan# 2921
Delta R.T. -0.01 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Tgt Ion:240 Resp: 389642

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	26.6	20.4	30.6



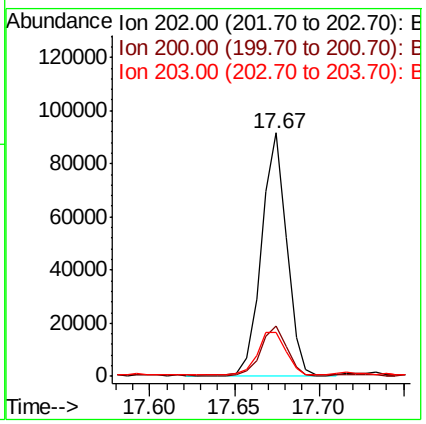


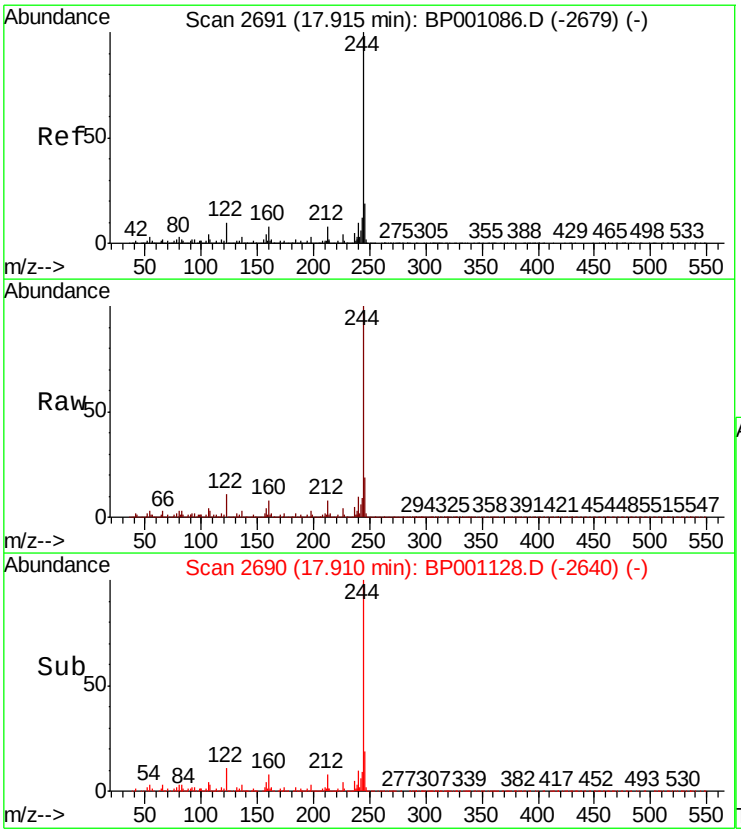
#78
Pyrene
Concen: 3.067 ng
RT: 17.67 min Scan# 2650
Delta R.T. -0.01 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 94122

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.6
203	18.0	14.1	21.1

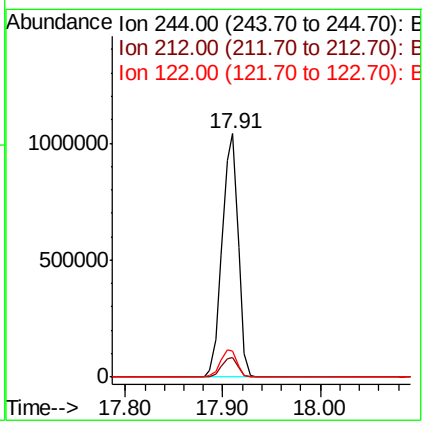


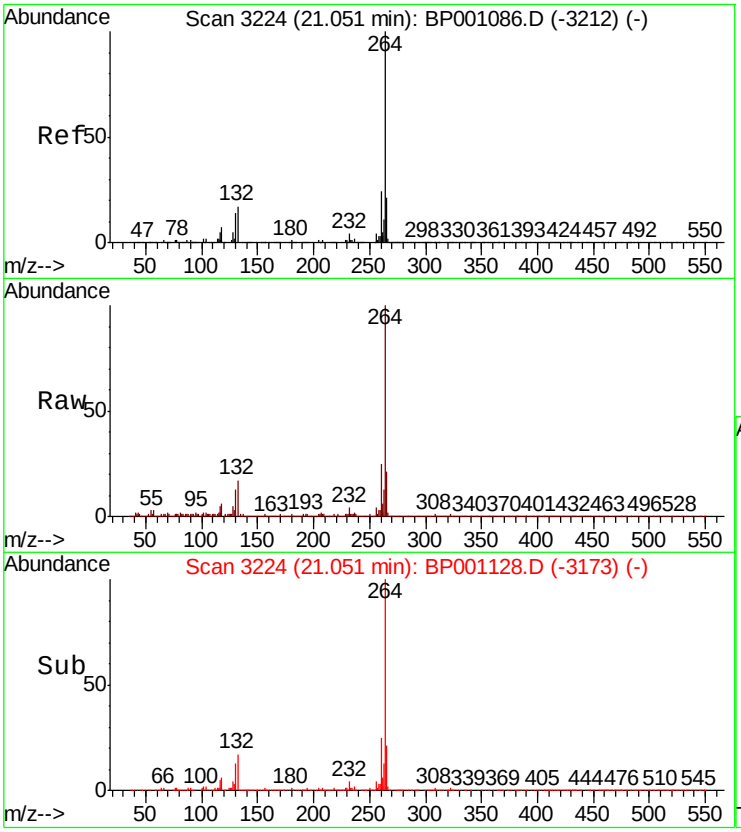


#79
Terphenyl-d14
Concen: 56.348 ng
RT: 17.91 min Scan# 2690
Delta R.T. -0.01 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Tgt Ion:244 Resp: 1186727

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	10.6	8.2	12.2



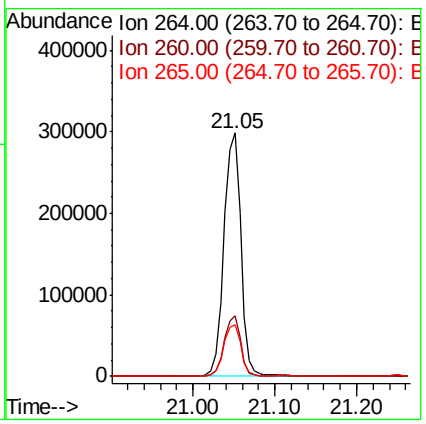


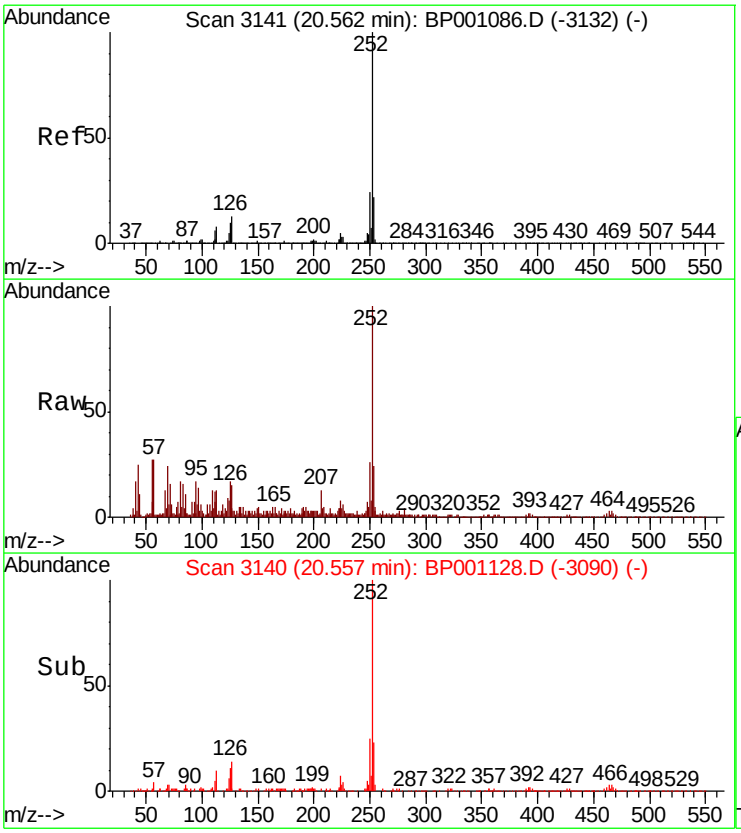
#87
Perylene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3224
Delta R.T. 0.00 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 430576

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.8	28.2
265	21.5	16.9	25.3

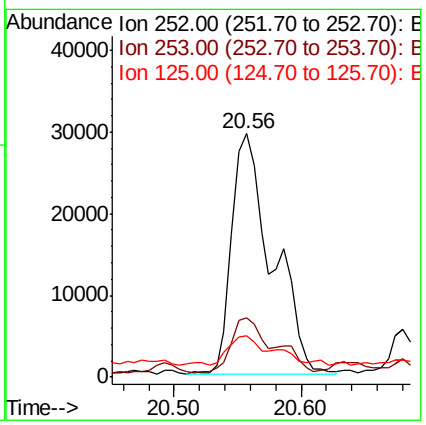


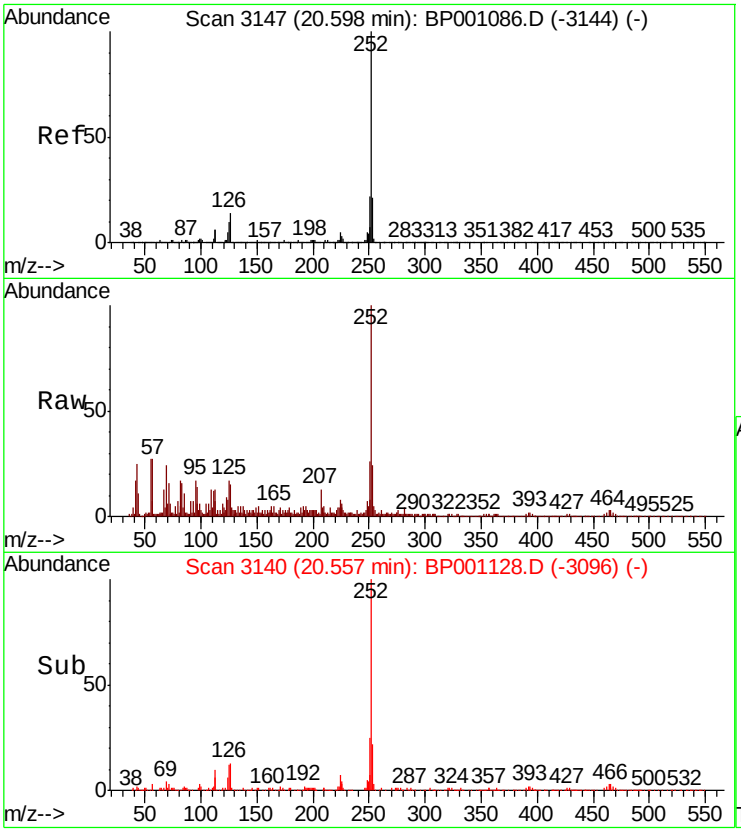


#88
Benzo(b)fluoranthene
Concen: 2.470 ng
RT: 20.56 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Tgt Ion:252 Resp: 64947

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.0
125	17.0	8.1	12.1#





#89
Benzo(k)fluoranthene
Concen: 2.564 ng
RT: 20.56 min Scan# 3140
Delta R.T. -0.04 min
Lab File: BP001128.D
Acq: 02 Dec 2019 16:14

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 64947

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	17.0	8.2	12.2#