Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001237.D
Acq On : 06 Dec 2019 18:53
Operator : JU
Sample : K6147-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Dec 07 00:40:01 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	8.30	152	78798	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	297764	20.00	ng		-0.01
39) Acenaphthene-d10	13.20	164	170845	20.00	ng		-0.01
64) Phenanthrene-d10	15.59	188	337946	20.00	ng		-0.02
76) Chrysene-d12	19.23	240	254167	20.00	ng		-0.02
87) Perylene-d12	21.00	264	262352	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	439332	92.50	ng		0.00
7) Phenol-d6	7.75	99	610899	96.55	ng		-0.01
23) Nitrobenzene-d5	9.19	82	428487	62.43	ng		-0.01
42) 2,4,6-Tribromophenol	14.49	330	172657	105.44	ng		-0.01
45) 2-Fluorobiphenyl	12.12	172	726118	62.20	ng		-0.02
79) Terphenyl-d14	17.87	244	864690	62.94	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	7.60	77	1800	Below Cal		#	81
19) n-Nitroso-di-n-propylamine	9.19	70	61904	13.558	ng	#	79
50) Dimethylphthalate	12.79	163	79592	6.229	ng		99
54) 2,4-Dinitrophenol	13.30	184	7	7.115	ng	#	1
65) 4,6-Dinitro-2-methylphenol	14.22	198	26	6.292	ng	#	1
71) Phenanthrene	15.63	178	43615	2.455	ng		98
72) Anthracene	15.63	178	43615	2.491	ng		97
75) Fluoranthene	17.34	202	100705	5.354	ng		99
78) Pyrene	17.65	202	89833	4.487	ng		97
81) Benzo(a)anthracene	19.22	228	52744	2.993	ng		95
83) Chrysene	19.22	228	52744	3.342	ng		98
84) Bis(2-ethylhexyl)phthalate	19.27	149	35810	2.817	ng	#	94
86) Indeno(1,2,3-cd)pyrene	22.62	276	38270	2.058	ng	#	95
88) Benzo(b)fluoranthene	20.52	252	103900	6.484	ng		98
89) Benzo(k)fluoranthene	20.52	252	103900	6.732	ng	#	98
90) Benzo(a)pyrene	20.93	252	52111	3.531	ng		93
92) Benzo(g,h,i)perylene	23.11	276	39587	2.775	ng	#	94

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

Quantitation Report (Not Reviewed)

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Data File : BP001237.D
Acq On : 06 Dec 2019 18:53
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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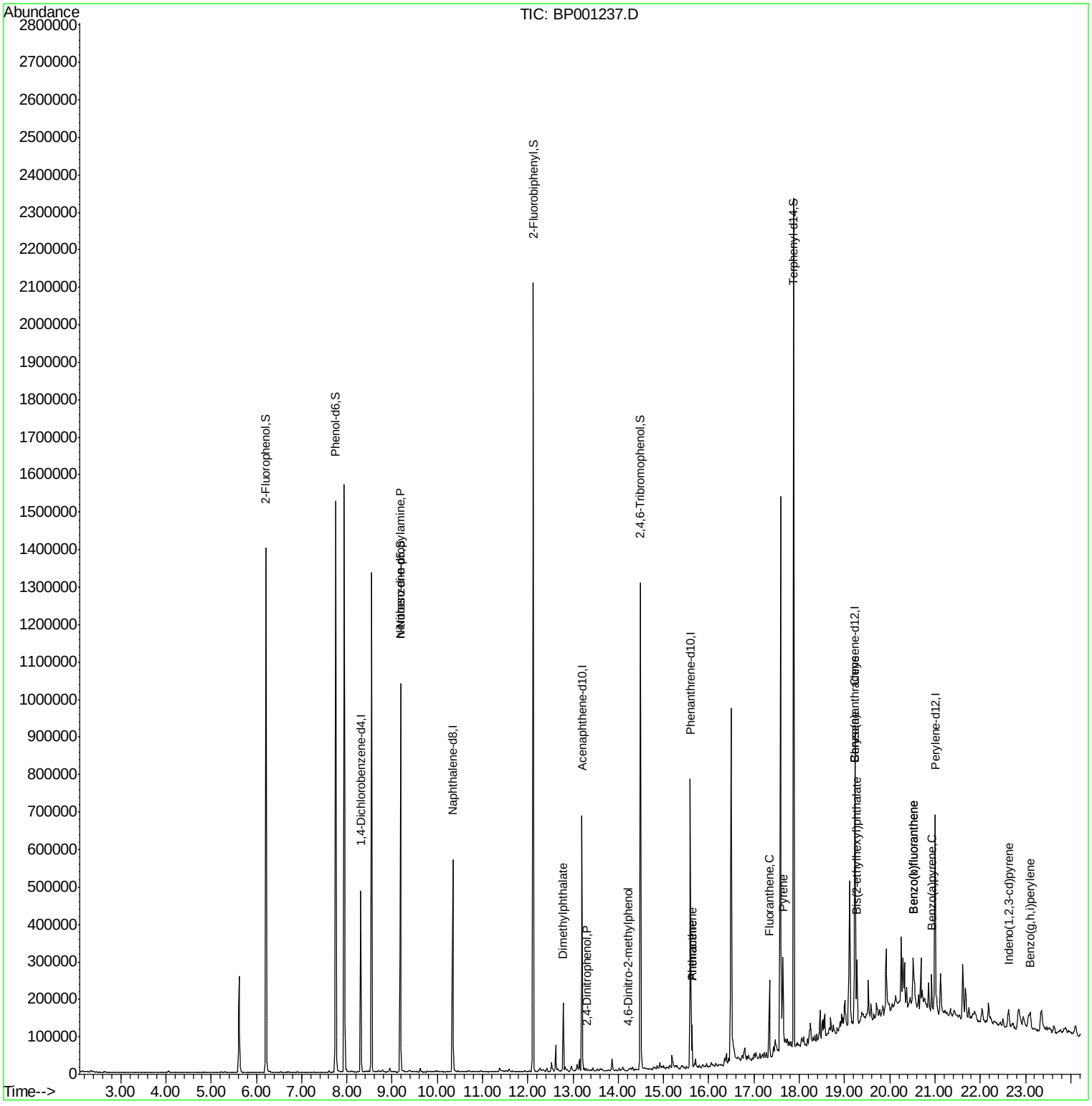
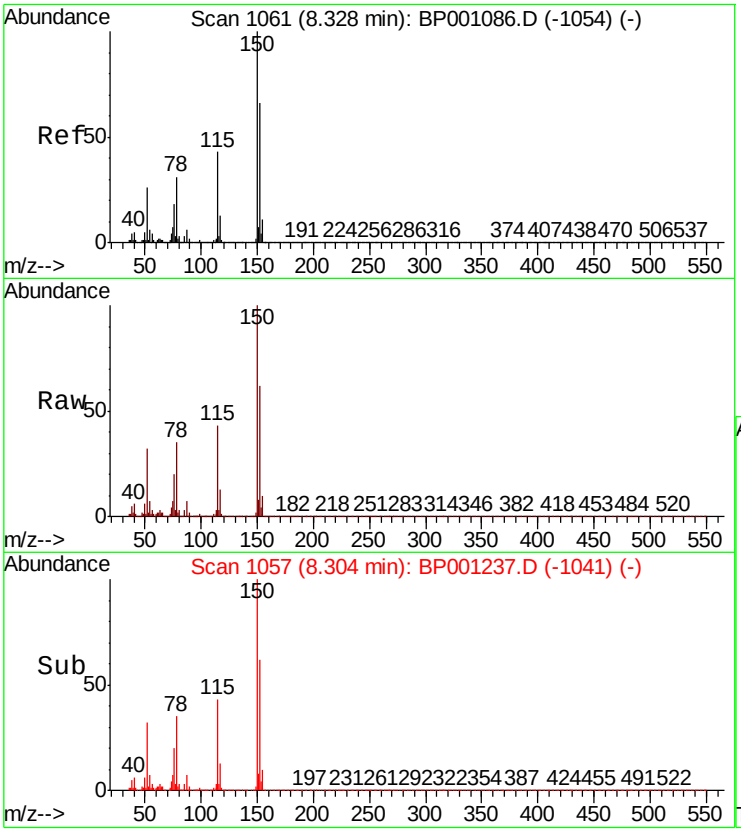


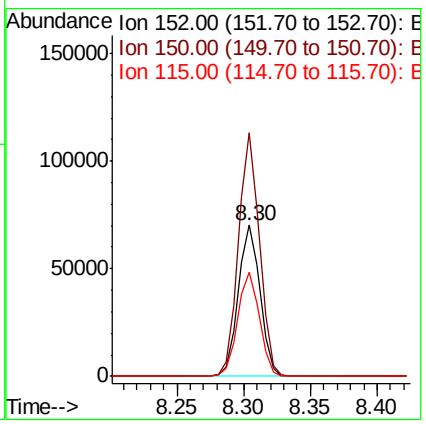


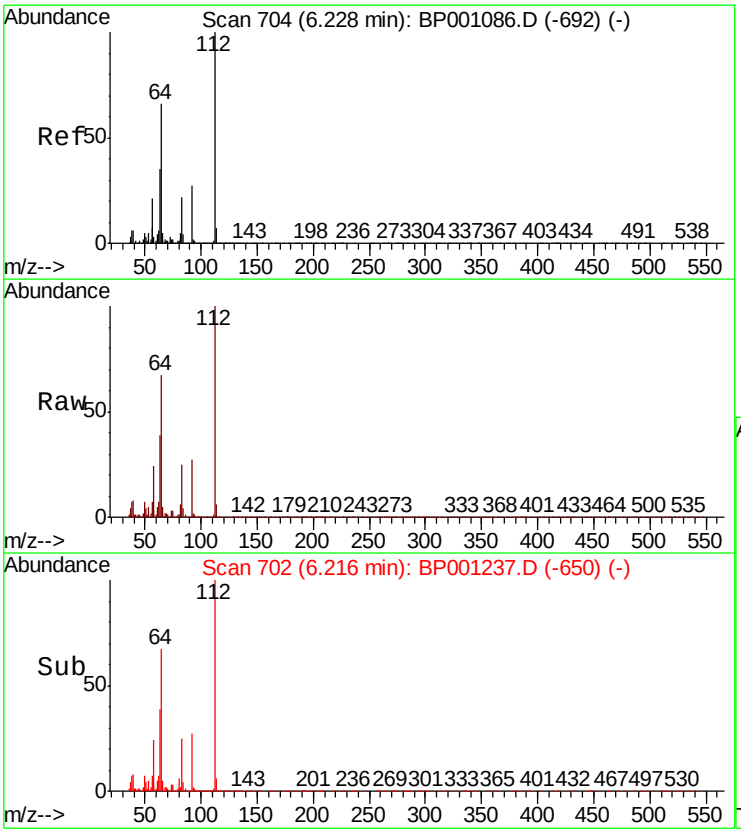
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 78798

Ion	Ratio	Lower	Upper
152	100		
150	160.8	127.3	190.9
115	69.2	56.0	84.0

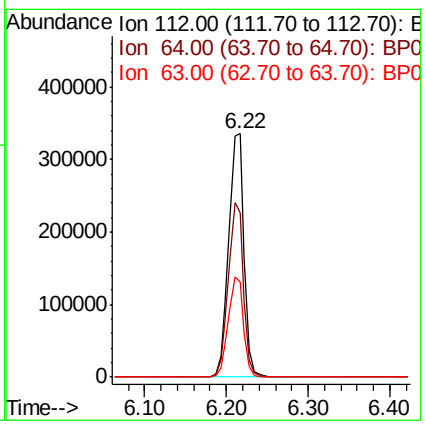


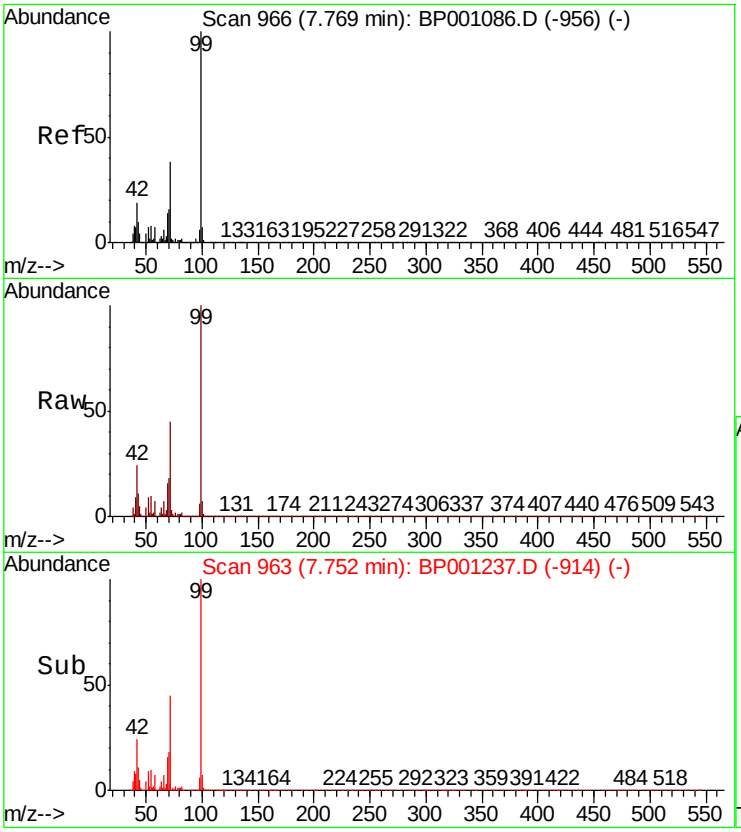


#5
2-Fluorophenol
Concen: 92.501 ng
RT: 6.22 min Scan# 702
Delta R.T. 0.01 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Tgt Ion:112 Resp: 439332

Ion	Ratio	Lower	Upper
112	100		
64	67.4	56.8	85.2
63	39.0	32.2	48.2



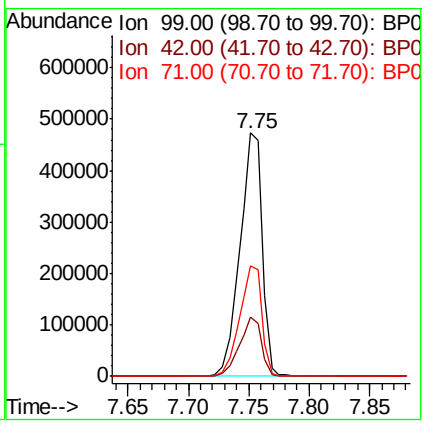


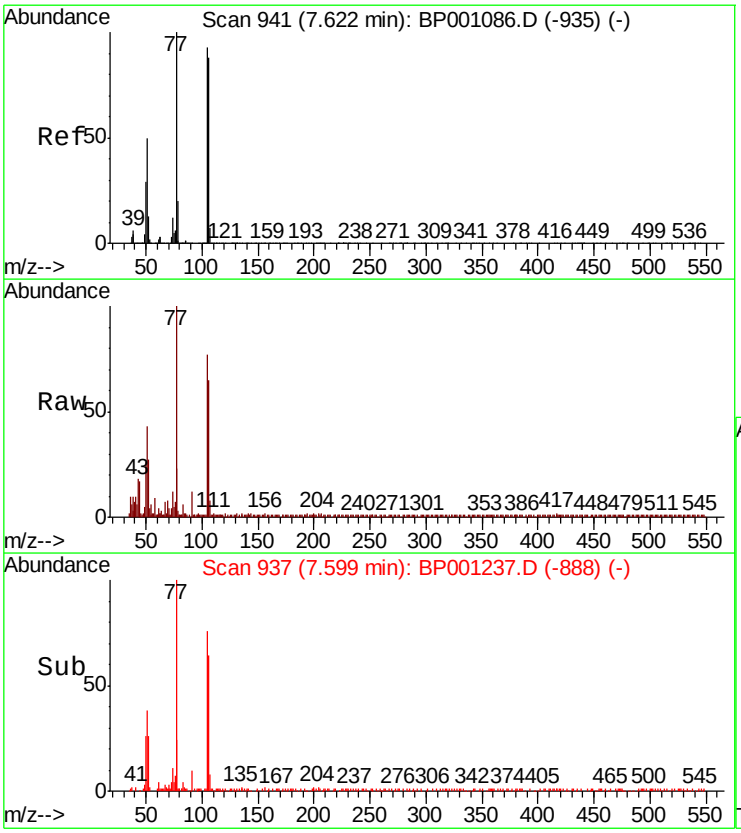
#7
Phenol-d6
Concen: 96.547 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 610899

Ion	Ratio	Lower	Upper
99	100		
42	24.1	17.6	26.4
71	45.3	33.8	50.8

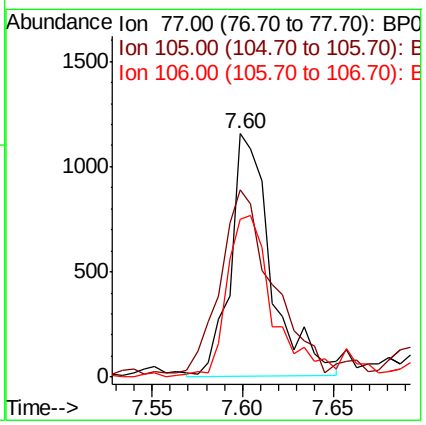


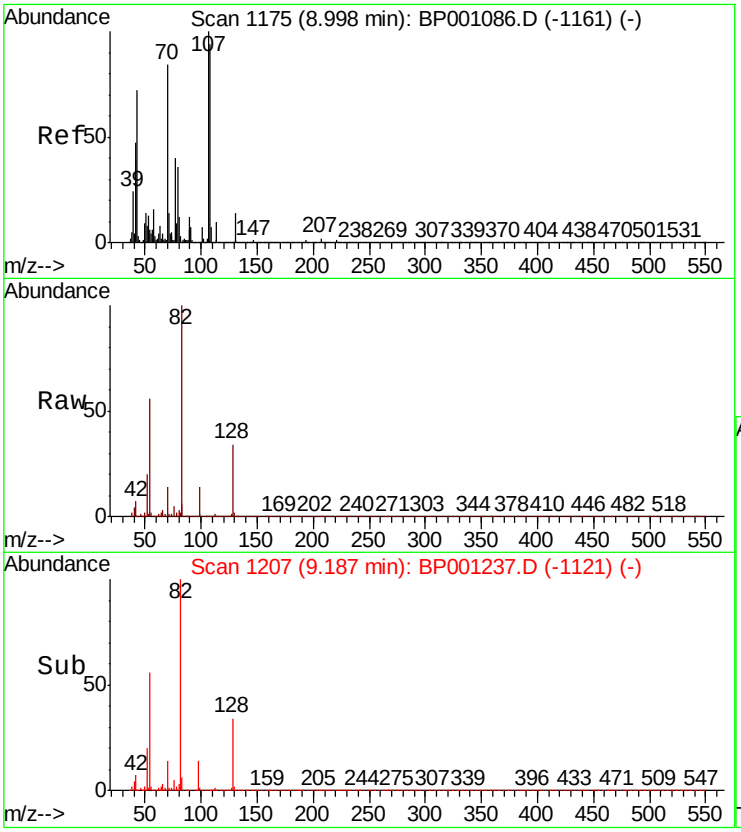


#9
Benzaldehyde
Concen: Below Cal
RT: 7.60 min Scan# 937
Delta R.T. -0.01 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Tgt Ion: 77 Resp: 1800

Ion	Ratio	Lower	Upper
77	100		
105	76.9	69.7	109.7
106	64.6	67.1	107.1#



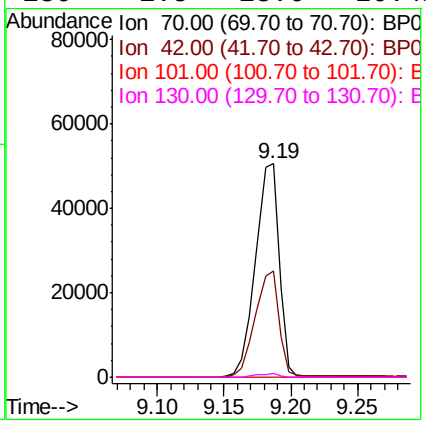


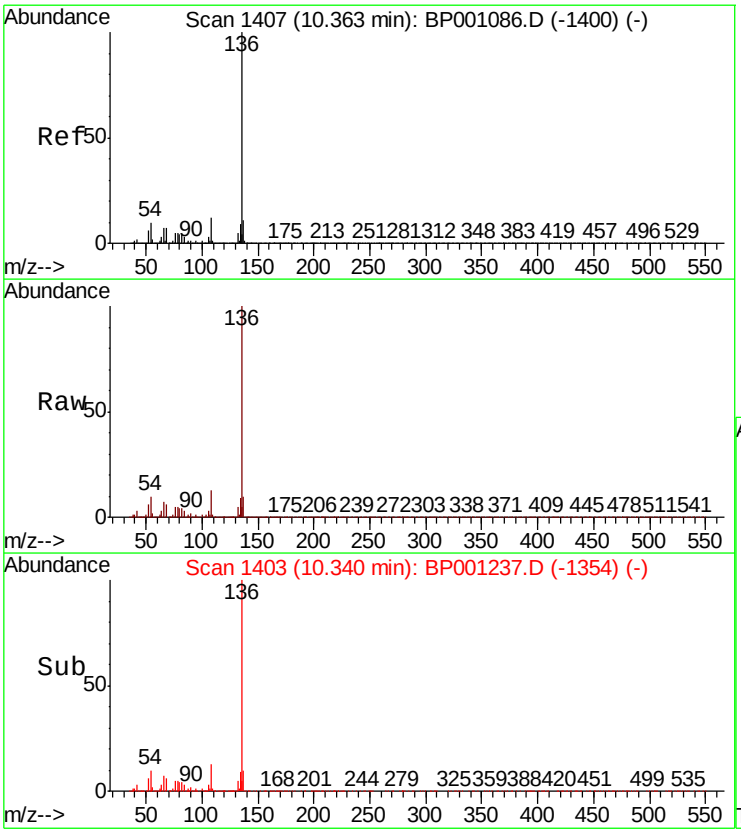
#19
n-Nitroso-di-n-propylamine
Concen: 13.558 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.21 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 70 Resp: 61904

Ion	Ratio	Lower	Upper
70	100		
42	49.9	50.6	76.0#
101	0.0	7.1	10.7#
130	1.5	13.6	20.4#

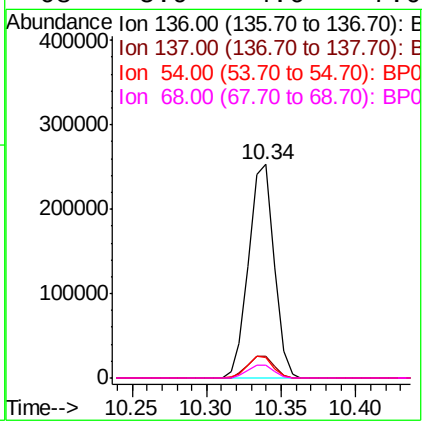


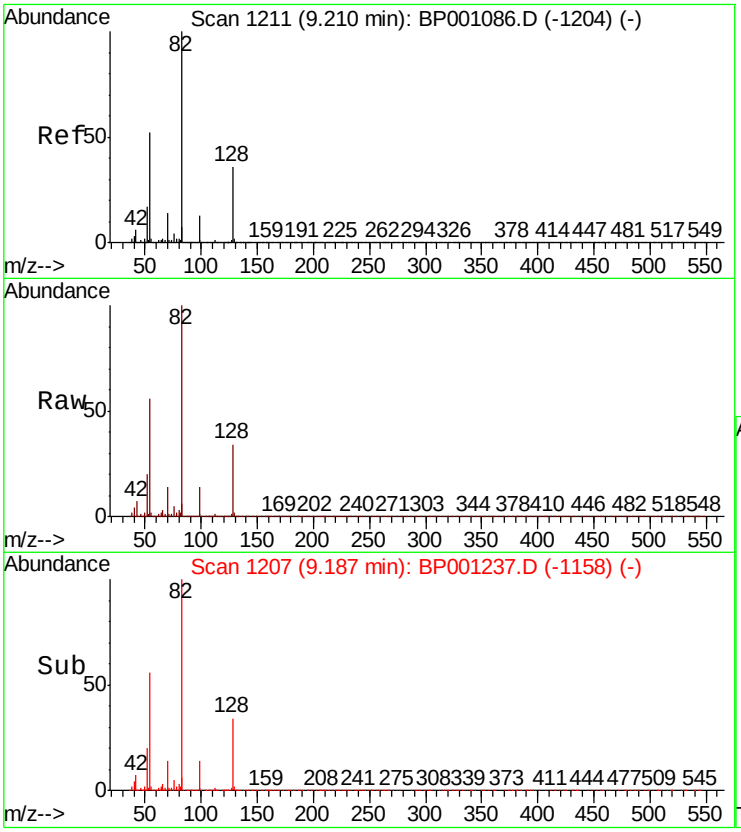


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Tgt Ion:136 Resp: 297764

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.4	12.6
54	9.8	7.4	11.0
68	5.9	4.6	7.0



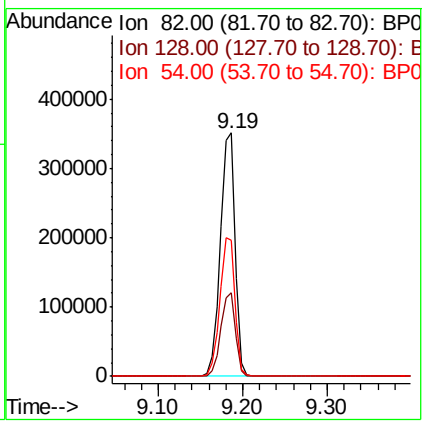


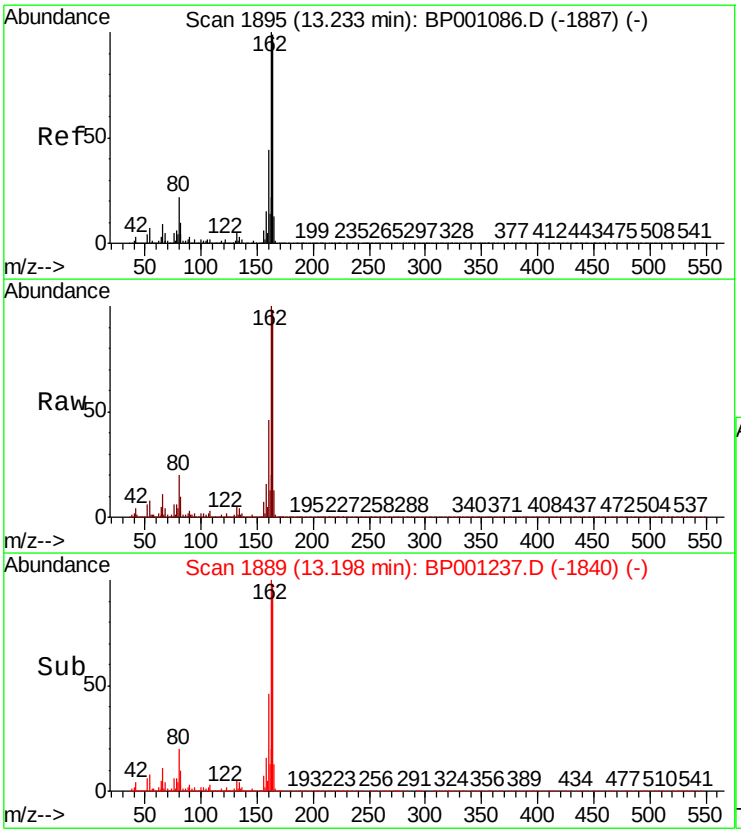
#23
Nitrobenzene-d5
Concen: 62.433 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 428487

Ion	Ratio	Lower	Upper
82	100		
128	34.1	27.5	41.3
54	55.8	45.7	68.5

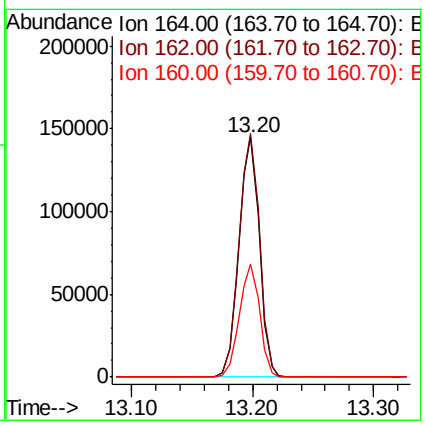


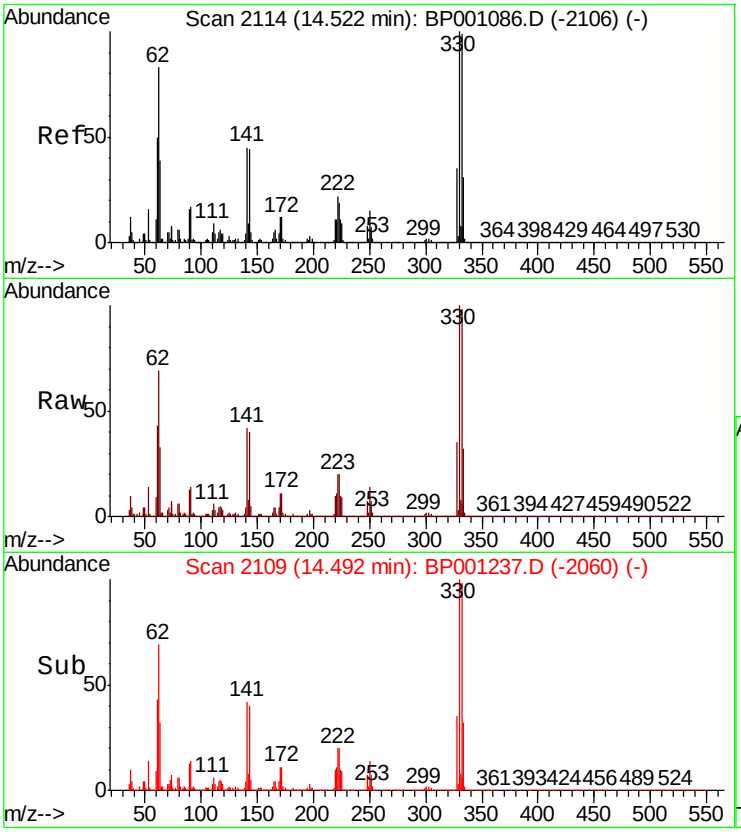


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Tgt Ion:164 Resp: 170845

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.7	121.1
160	47.0	36.3	54.5



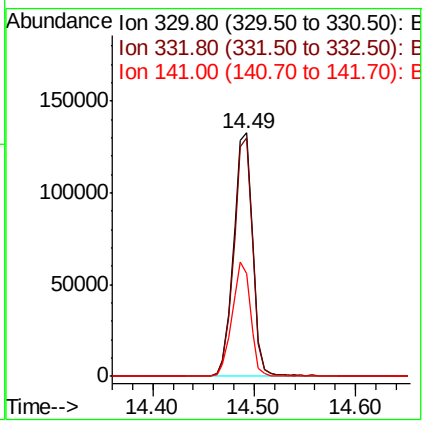


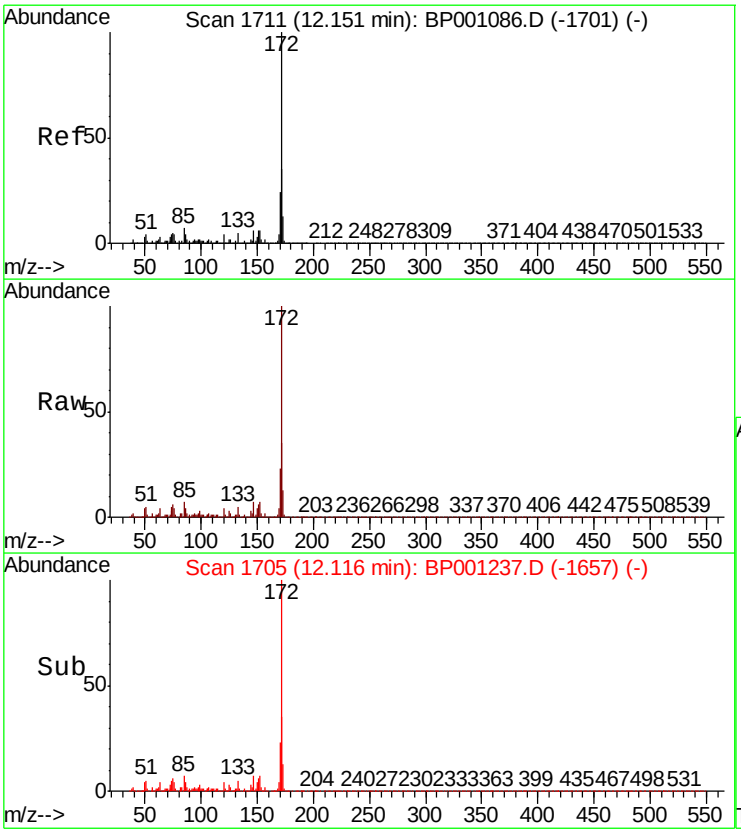
#42
2,4,6-Tribromophenol
Concen: 105.436 ng
RT: 14.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:330 Resp: 172657

Ion	Ratio	Lower	Upper
330	100		
332	96.6	79.1	118.7
141	45.5	35.9	53.9

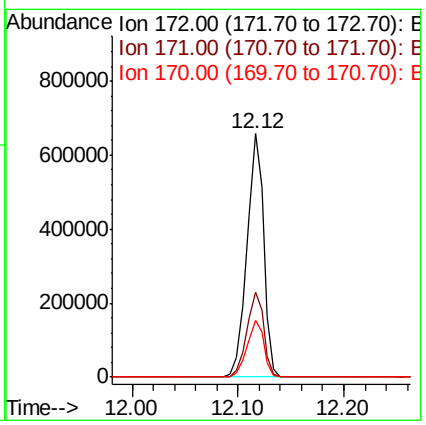


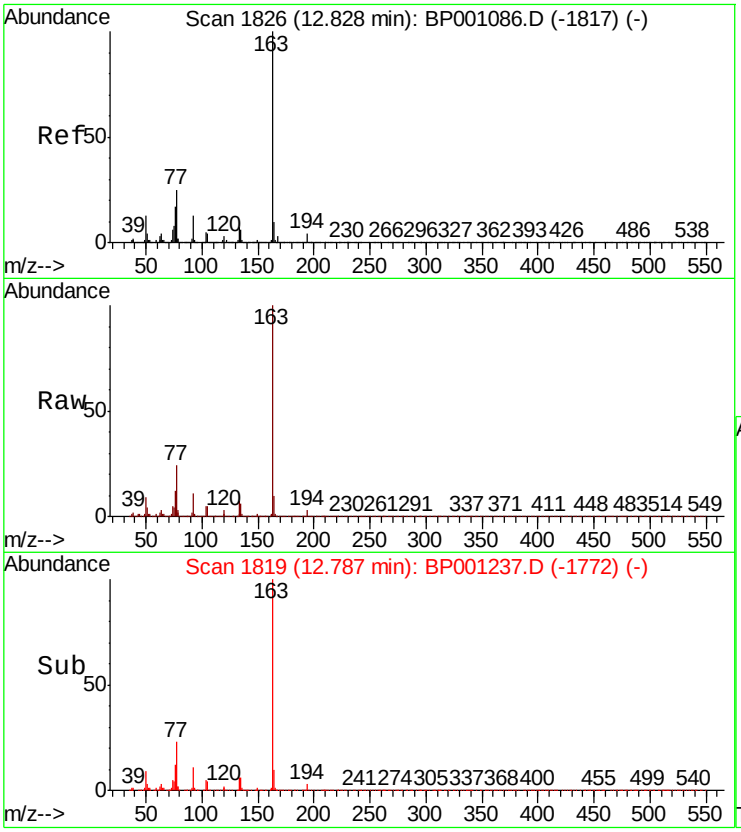


#45
2-Fluorobiphenyl
Concen: 62.204 ng
RT: 12.12 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Tgt Ion:172 Resp: 726118

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.7	43.1
170	23.4	19.2	28.8



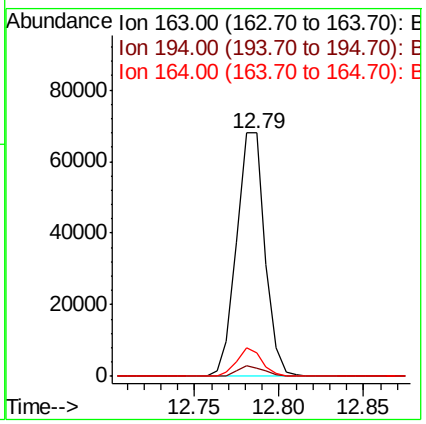


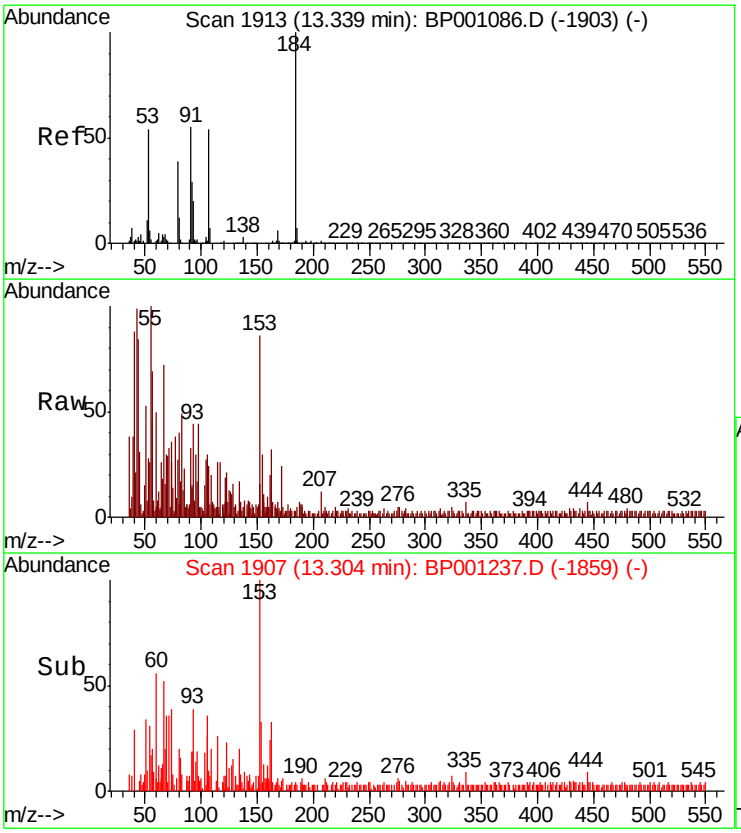
#50
Dimethylphthalate
Concen: 6.229 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 79592

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.1	4.7
164	9.8	8.2	12.4

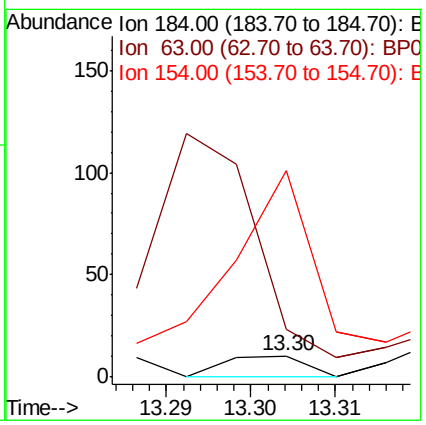


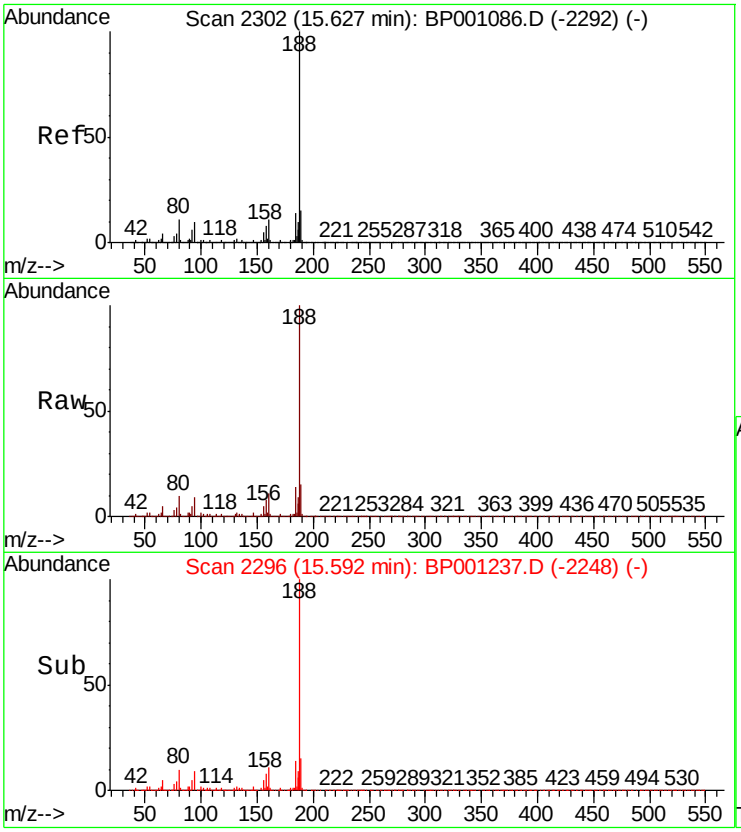


#54
2,4-Dinitrophenol
Concen: 7.115 ng
RT: 13.30 min Scan# 1907
Delta R.T. -0.02 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Tgt Ion:184 Resp: 7

Ion	Ratio	Lower	Upper
184	100		
63	230.0	69.4	104.0#
154	1120.0	57.4	86.2#



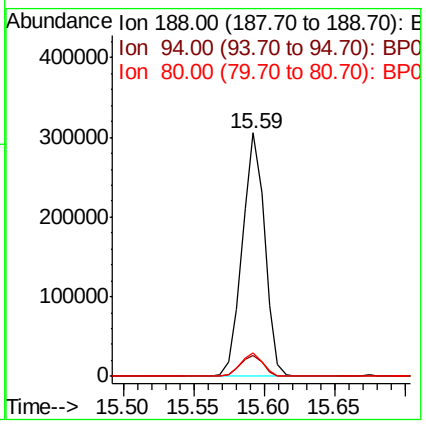


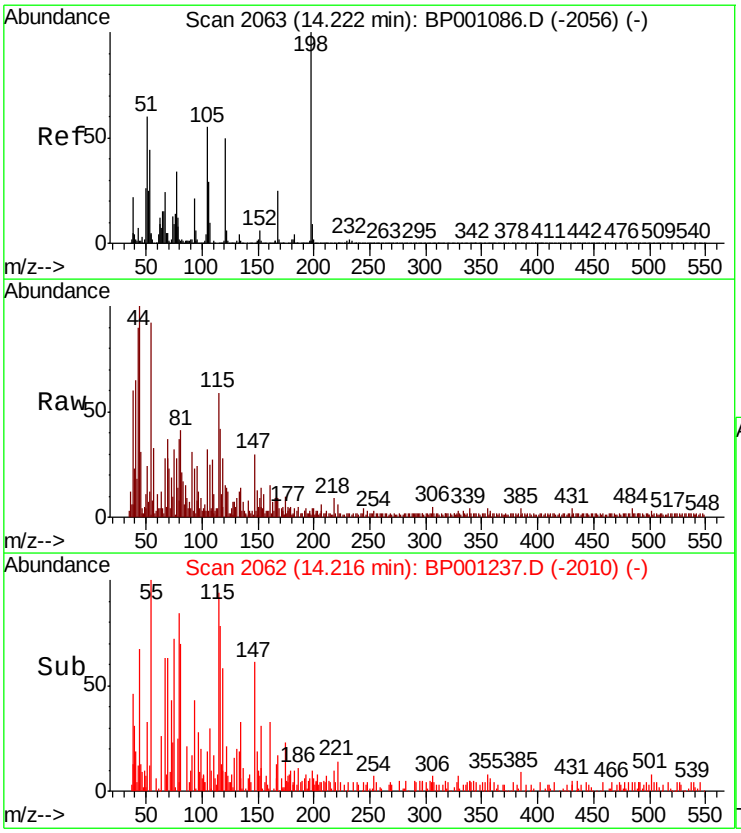
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.02 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 337946

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.1	10.7
80	9.7	7.8	11.6

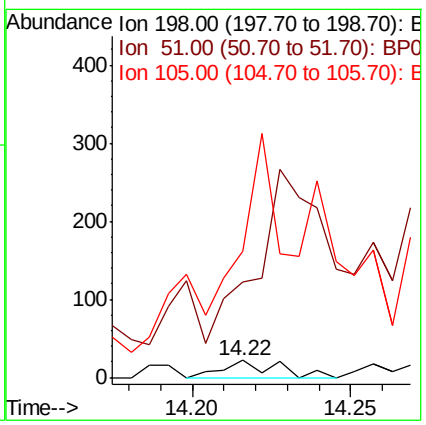


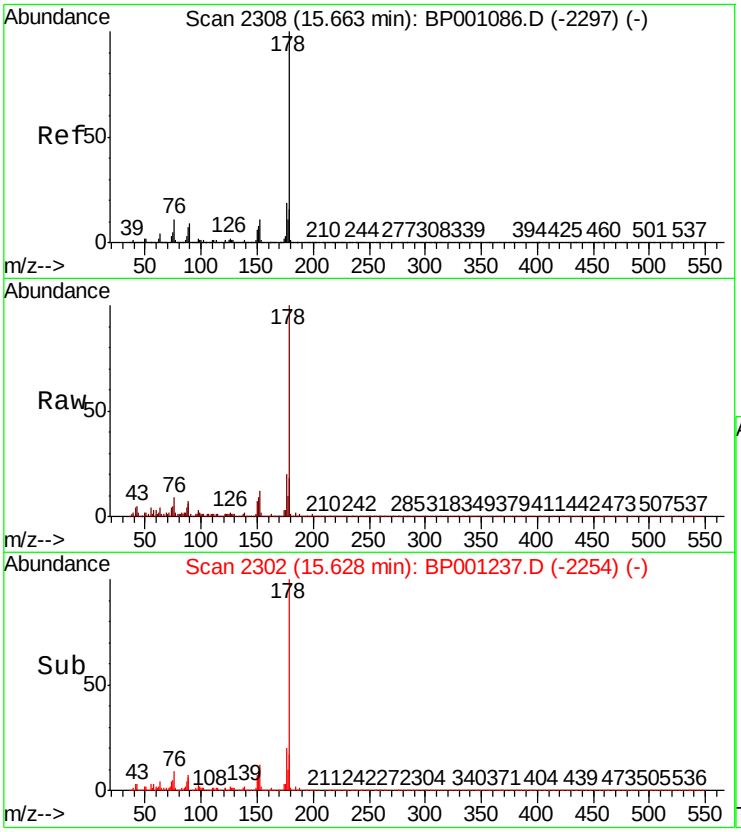


#65
4,6-Dinitro-2-methylphenol
Concen: 6.292 ng
RT: 14.22 min Scan# 2062
Delta R.T. 0.01 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Tgt Ion:198 Resp: 26

Ion	Ratio	Lower	Upper
198	100		
51	554.5	36.2	76.2#
105	731.8	30.2	70.2#



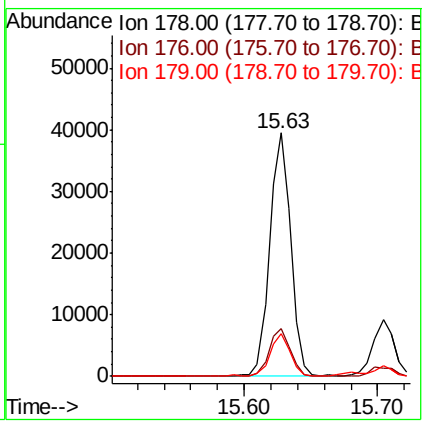


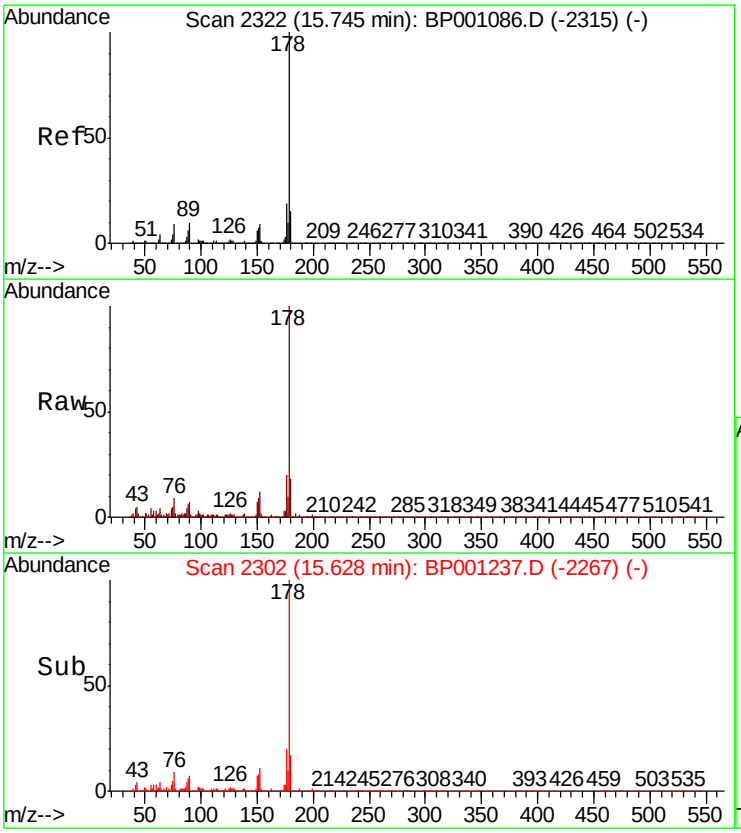
#71
Phenanthrene
Concen: 2.455 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.02 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 43615

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	17.6	12.4	18.6

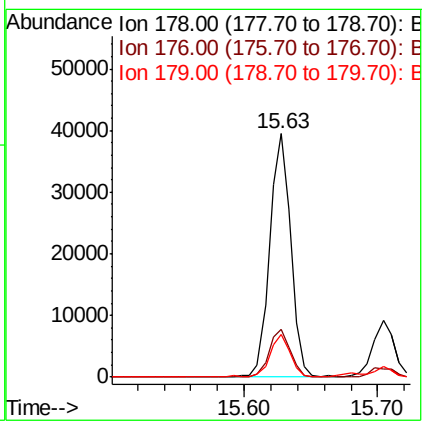


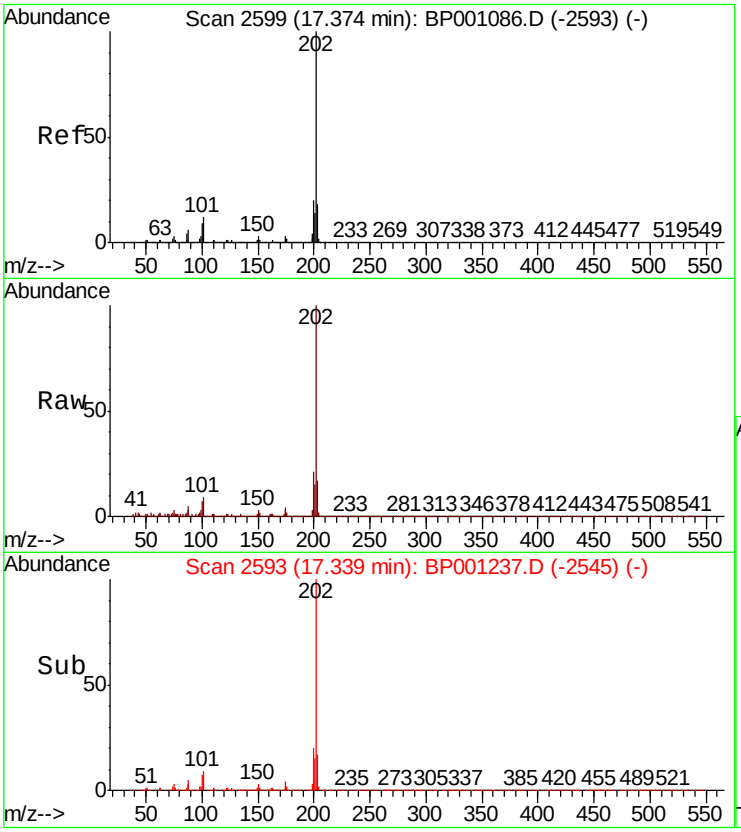


#72
Anthracene
Concen: 2.491 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.09 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Tgt Ion:178 Resp: 43615

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.1	22.7
179	17.6	12.7	19.1



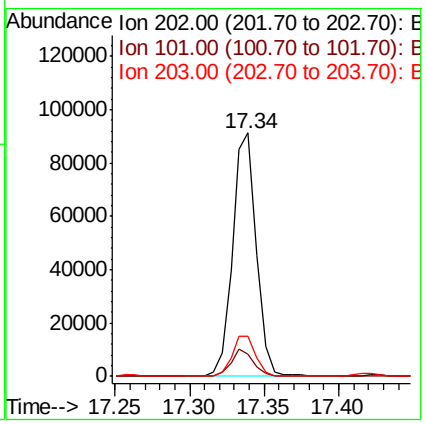


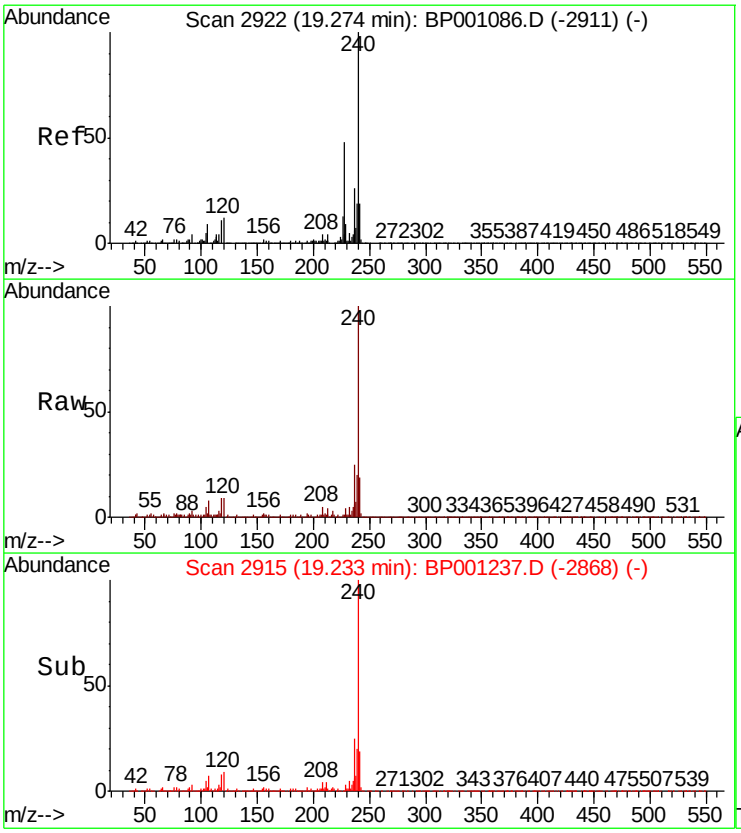
#75
Fluoranthene
Concen: 5.354 ng
RT: 17.34 min Scan# 2593
Delta R.T. -0.02 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 100705

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.0
203	16.6	0.0	37.1

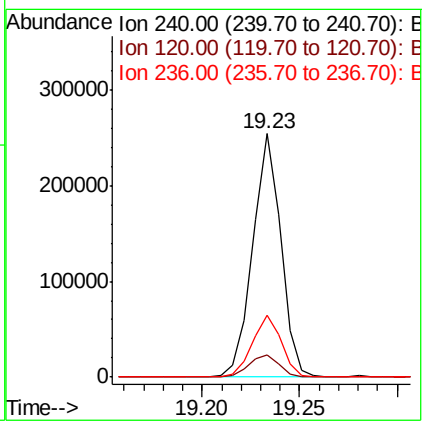


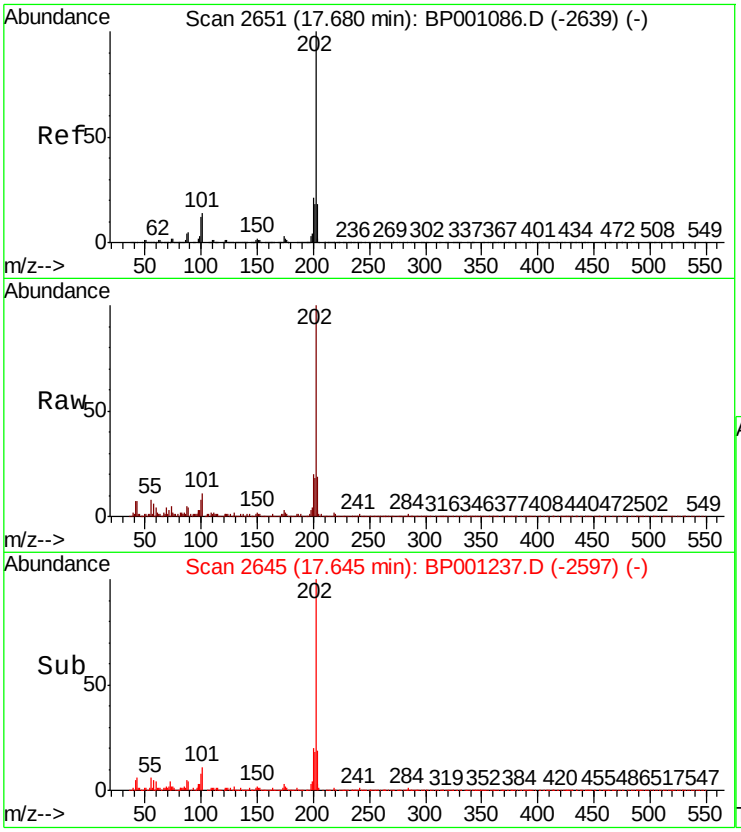


#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.23 min Scan# 2915
Delta R.T. -0.02 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Tgt Ion:240 Resp: 254167

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.0	10.6
236	25.4	21.7	32.5



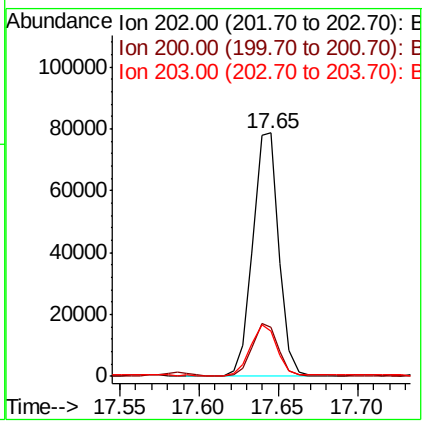


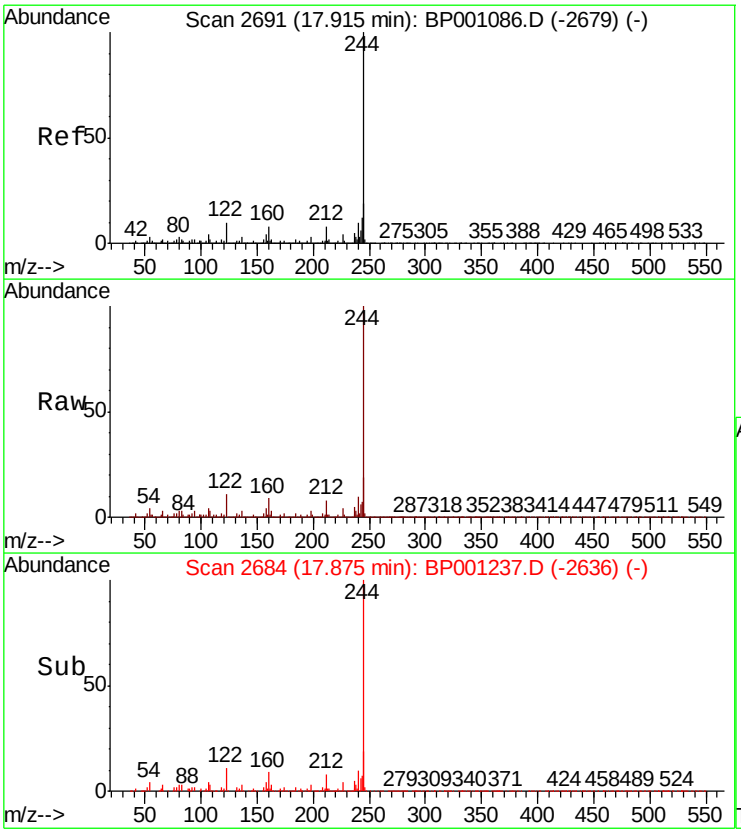
#78
Pyrene
Concen: 4.487 ng
RT: 17.65 min Scan# 2645
Delta R.T. -0.02 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:202 Resp: 89833

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.3	25.9
203	18.8	13.8	20.8

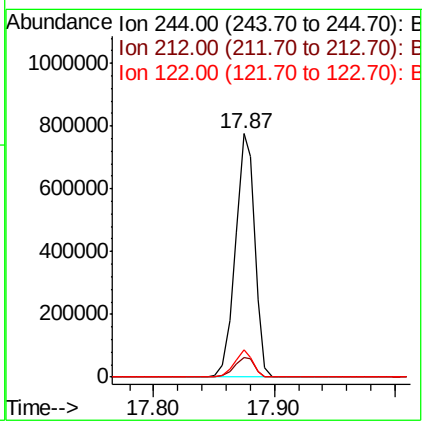


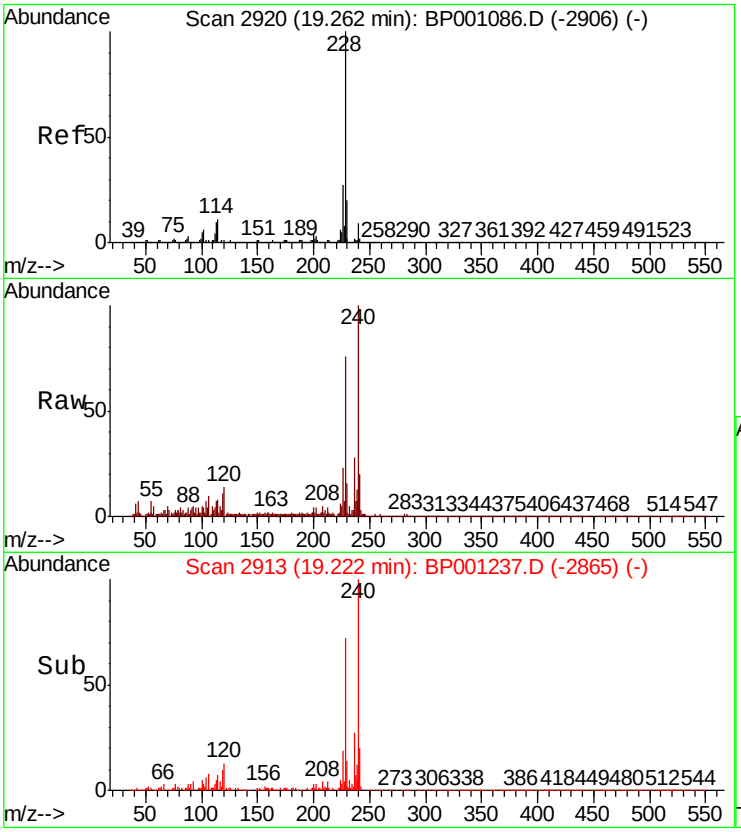


#79
Terphenyl-d14
Concen: 62.941 ng
RT: 17.87 min Scan# 2684
Delta R.T. -0.02 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Tgt Ion:244 Resp: 864690

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	9.8
122	11.2	9.2	13.8



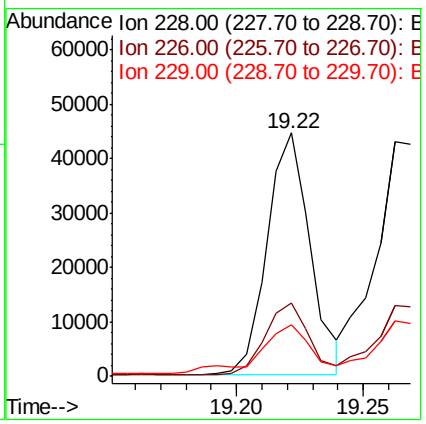


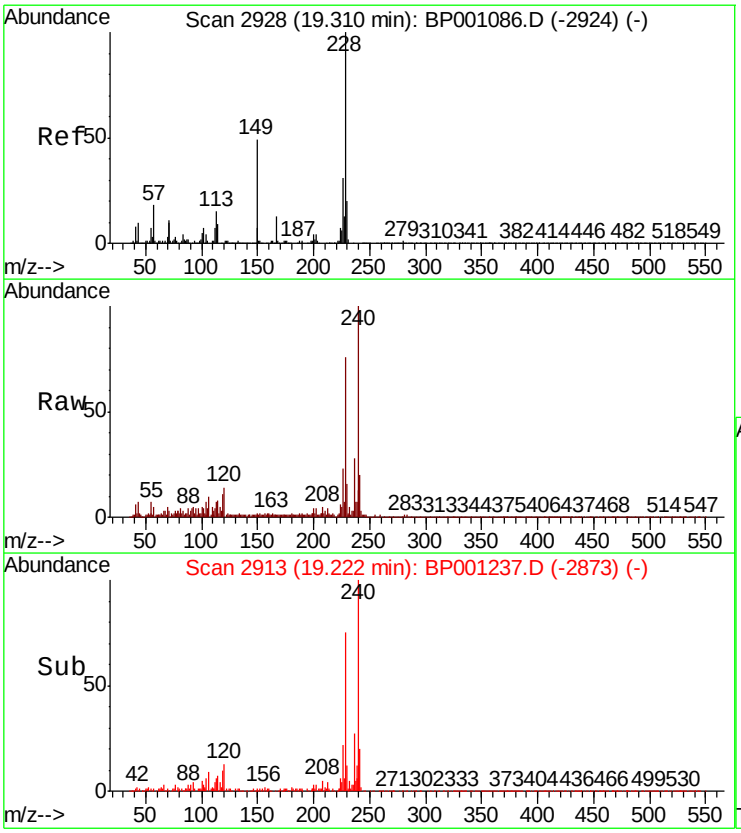
#81
Benzo(a)anthracene
Concen: 2.993 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.02 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 52744

Ion	Ratio	Lower	Upper
228	100		
226	30.1	21.7	32.5
229	21.2	15.8	23.6

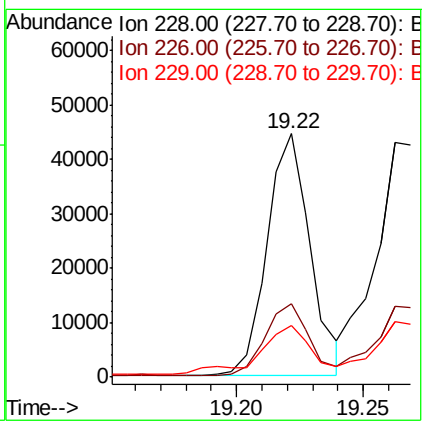


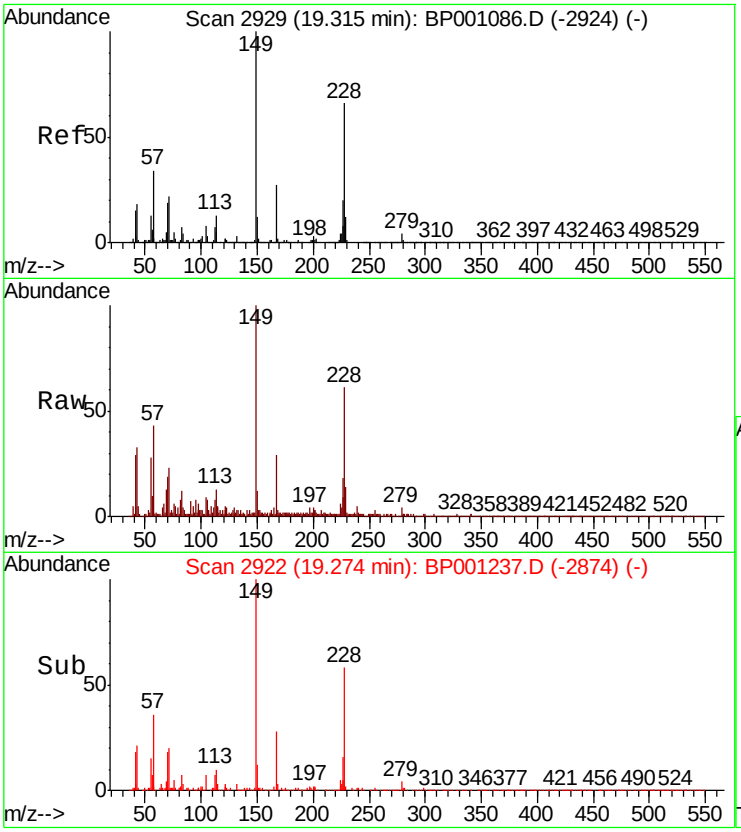


#83
Chrysene
Concen: 3.342 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.06 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Tgt Ion:228 Resp: 52744

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.7	35.5
229	21.2	15.2	22.8



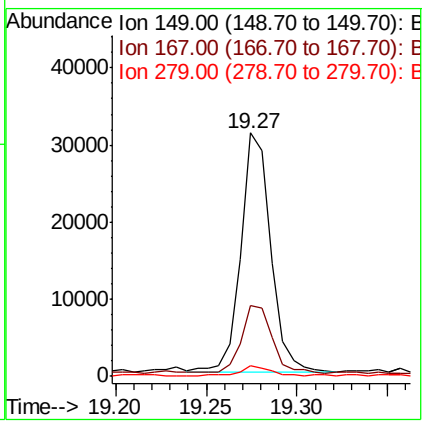


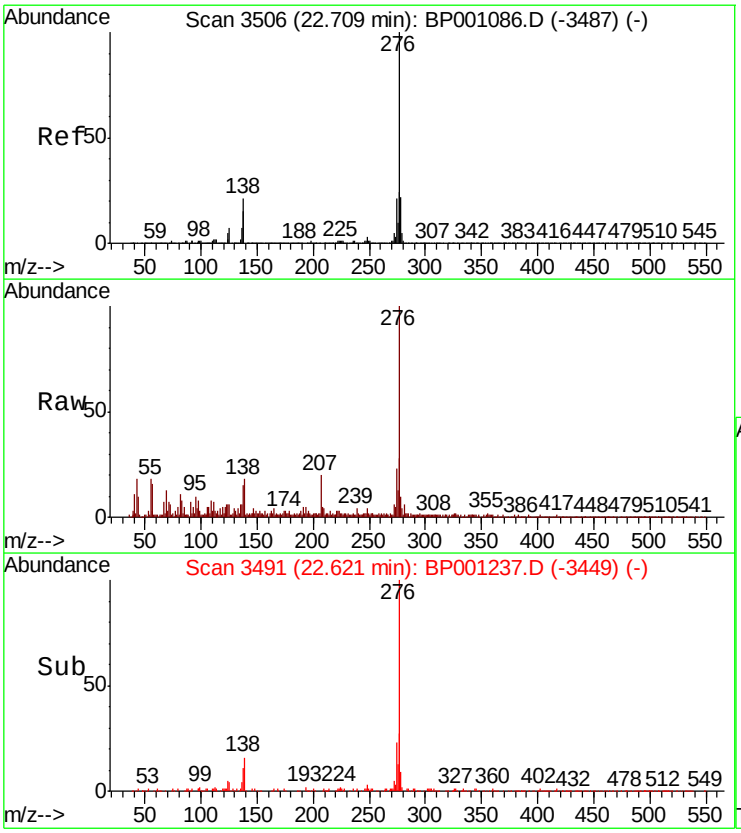
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.817 ng
RT: 19.27 min Scan# 2922
Delta R.T. -0.02 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:149 Resp: 35810

Ion	Ratio	Lower	Upper
149	100		
167	29.2	20.8	31.2
279	4.3	2.8	4.2#

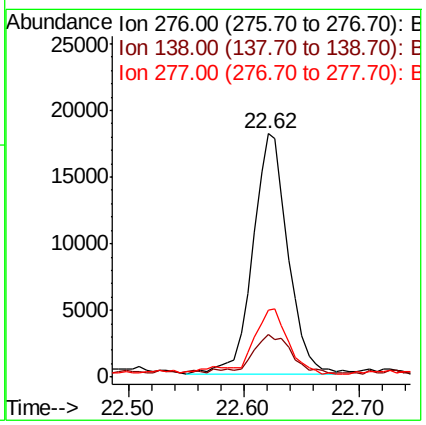


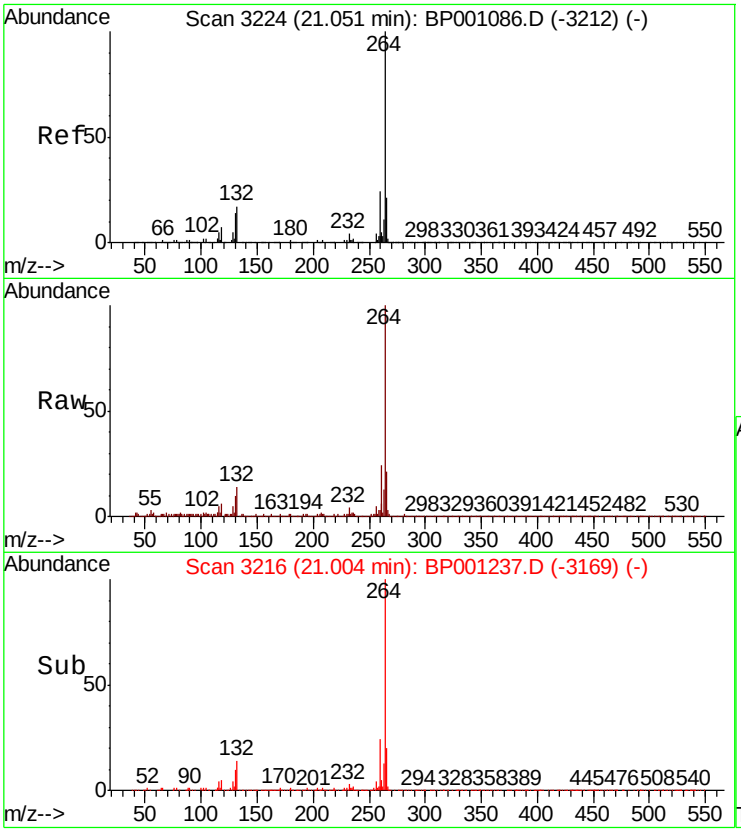


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.058 ng
RT: 22.62 min Scan# 3491
Delta R.T. -0.05 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Tgt Ion:276 Resp: 38270

Ion	Ratio	Lower	Upper
276	100		
138	17.6	17.9	26.9#
277	24.8	20.1	30.1



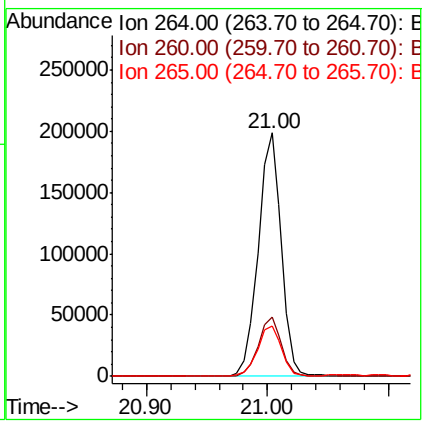


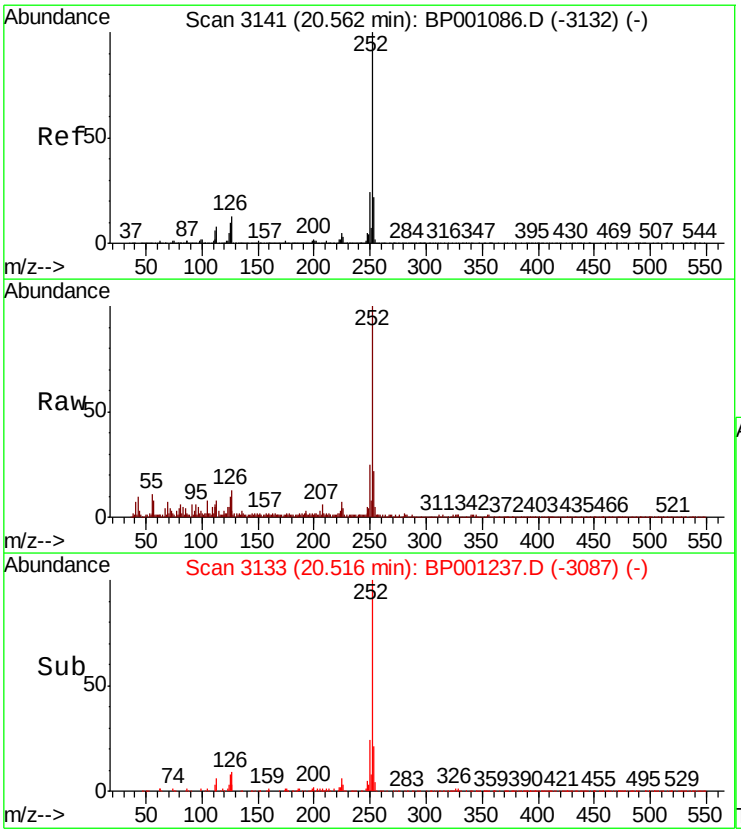
#87
Perylene-d12
Concen: 20.000 ng
RT: 21.00 min Scan# 3216
Delta R.T. -0.02 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 262352

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	20.6	17.1	25.7

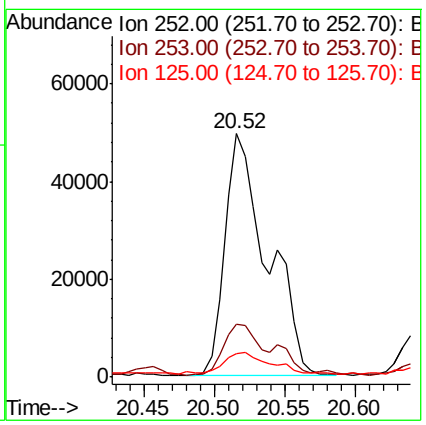


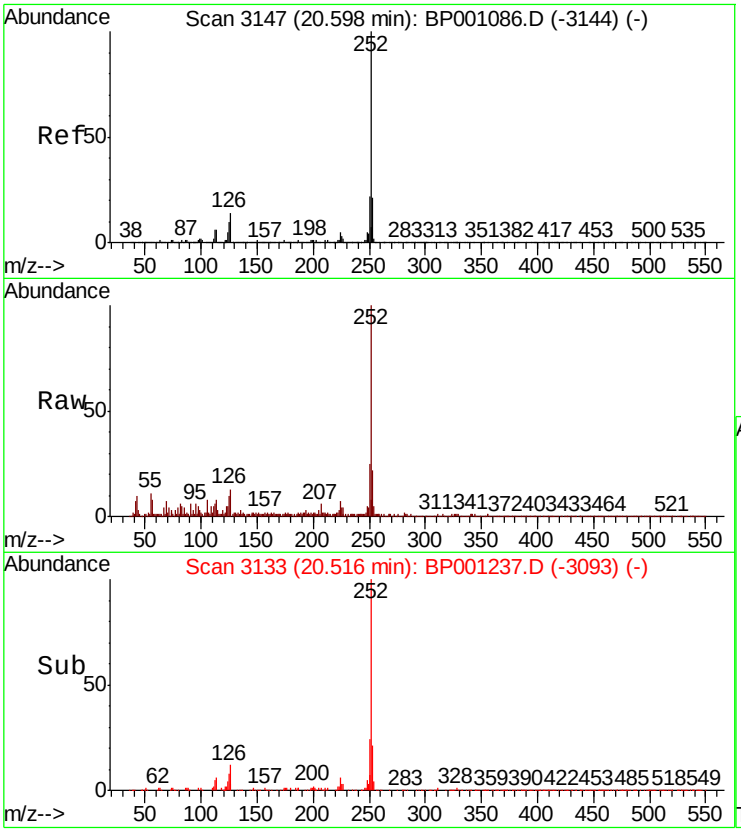


#88
Benzo(b)fluoranthene
Concen: 6.484 ng
RT: 20.52 min Scan# 3133
Delta R.T. -0.03 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Tgt Ion:252 Resp: 103900

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	9.8	6.6	9.8



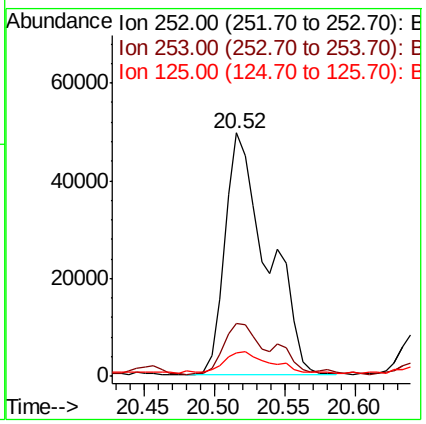


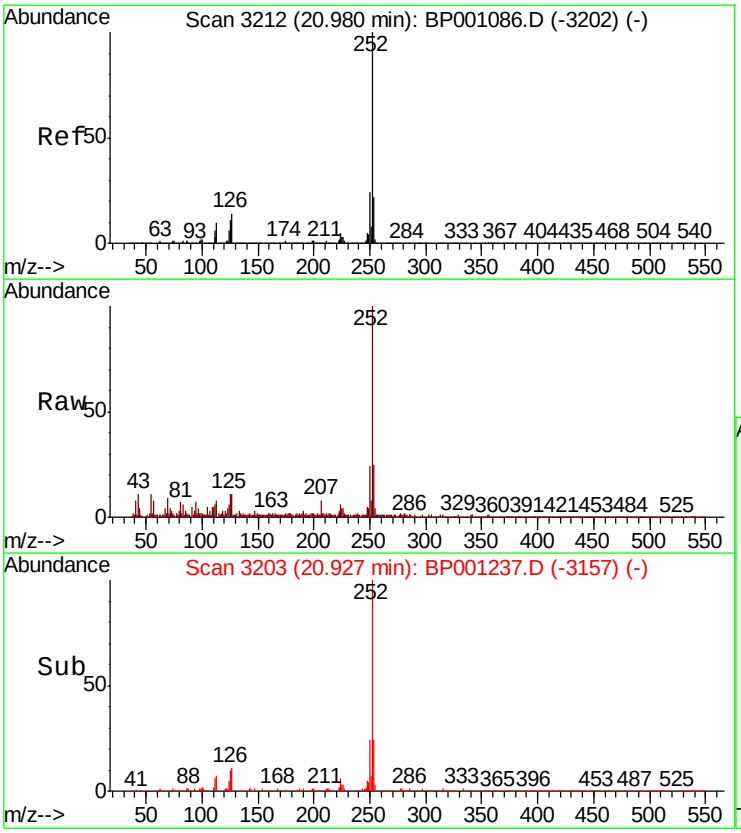
#89
Benzo(k)fluoranthene
Concen: 6.732 ng
RT: 20.52 min Scan# 3133
Delta R.T. -0.06 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 103900

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	9.8	6.2	9.4#

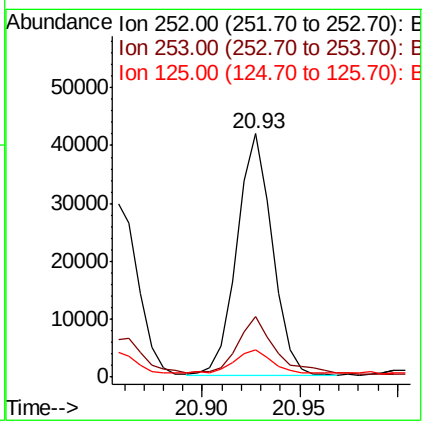


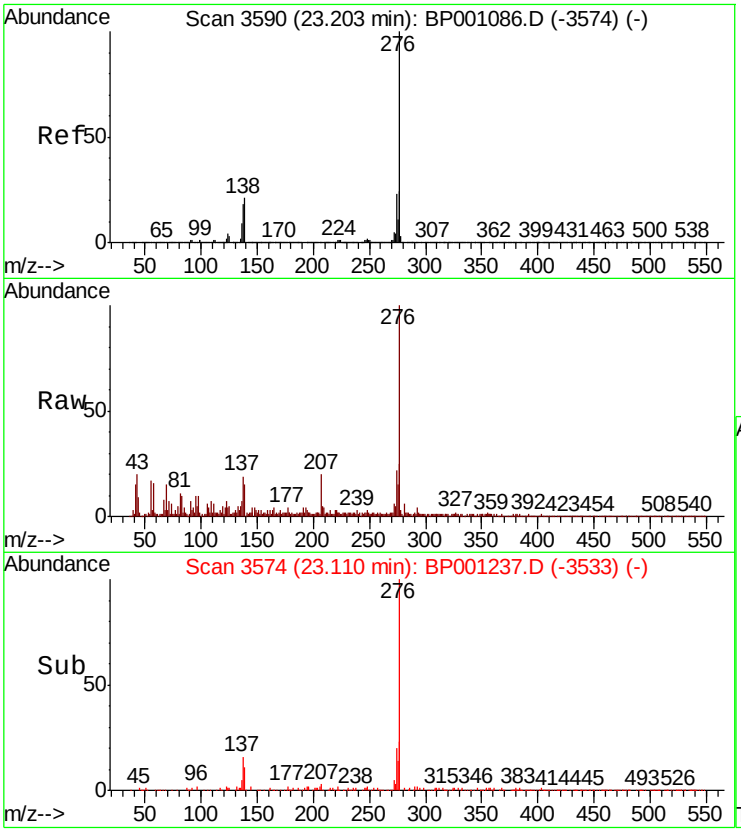


#90
Benzo(a)pyrene
Concen: 3.531 ng
RT: 20.93 min Scan# 3203
Delta R.T. -0.03 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Tgt Ion:252 Resp: 52111

Ion	Ratio	Lower	Upper
252	100		
253	25.0	16.8	25.2
125	11.4	7.8	11.6





#92
Benzo(g,h,i)perylene
Concen: 2.775 ng
RT: 23.11 min Scan# 3574
Delta R.T. -0.06 min
Lab File: BP001237.D
Acq: 06 Dec 2019 18:53

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:276 Resp: 39587

Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	28.0
138	14.9	15.6	23.4#