Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
Data File : BP001234.D
Acq On : 06 Dec 2019 17:24
Operator : JU
Sample : K6133-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId :

Quant Time: Dec 07 00:39:02 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	72892	20.00	ng		0.00
21) Naphthalene-d8	10.33	136	277418	20.00	ng		-0.02
39) Acenaphthene-d10	13.20	164	164402	20.00	ng		-0.01
64) Phenanthrene-d10	15.59	188	319514	20.00	ng		-0.02
76) Chrysene-d12	19.24	240	230301	20.00	ng		-0.02
87) Perylene-d12	21.01	264	246187	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	484788	110.34	ng		0.00
7) Phenol-d6	7.75	99	690399	117.95	ng		-0.01
23) Nitrobenzene-d5	9.19	82	483624	75.63	ng		-0.01
42) 2,4,6-Tribromophenol	14.49	330	196466	124.68	ng		-0.01
45) 2-Fluorobiphenyl	12.12	172	757853	67.47	ng		-0.02
79) Terphenyl-d14	17.88	244	848389	68.15	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	7.60	77	263	Below Cal		#	74
10) Phenol	7.77	94	40599	6.098	ng	#	79
19) n-Nitroso-di-n-propylamine	9.19	70	70117	16.601	ng	#	76
49) Acenaphthylene	12.96	152	105256	6.919	ng		100
50) Dimethylphthalate	12.79	163	108189	8.799	ng		99
52) Acenaphthene	13.25	154	19214	2.100	ng		98
54) 2,4-Dinitrophenol	13.30	184	10	7.118	ng	#	1
58) Fluorene	14.09	166	25535	2.317	ng		98
65) 4,6-Dinitro-2-methylphenol	14.20	198	22	6.290	ng	#	1
70) Pentachlorophenol	15.31	266	10637	5.352	ng		94
71) Phenanthrene	15.63	178	504257	30.019	ng		100
72) Anthracene	15.70	178	150307	9.078	ng		100
75) Fluoranthene	17.35	202	1102295	61.985	ng		99
78) Pyrene	17.65	202	1056810	58.262	ng		99
81) Benzo(a)anthracene	19.23	228	616837	38.631	ng		96
83) Chrysene	19.27	228	569831	39.853	ng		97
86) Indeno(1,2,3-cd)pyrene	22.64	276	395752	23.485	ng		95
88) Benzo(b)fluoranthene	20.53	252	1004287	66.787	ng		96
89) Benzo(k)fluoranthene	20.53	252	1004287	69.343	ng	#	96
90) Benzo(a)pyrene	20.94	252	550937	39.777	ng		98
91) Dibenzo(a,h)anthracene	22.66	278	95014	7.010	ng		94
92) Benzo(g,h,i)perylene	23.13	276	384976	28.763	ng		97

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

Quantitation Report (Not Reviewed)

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Data File : BP001234.D
Acq On : 06 Dec 2019 17:24
Operator : JU
Sample : K6133-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Dec 07 00:39:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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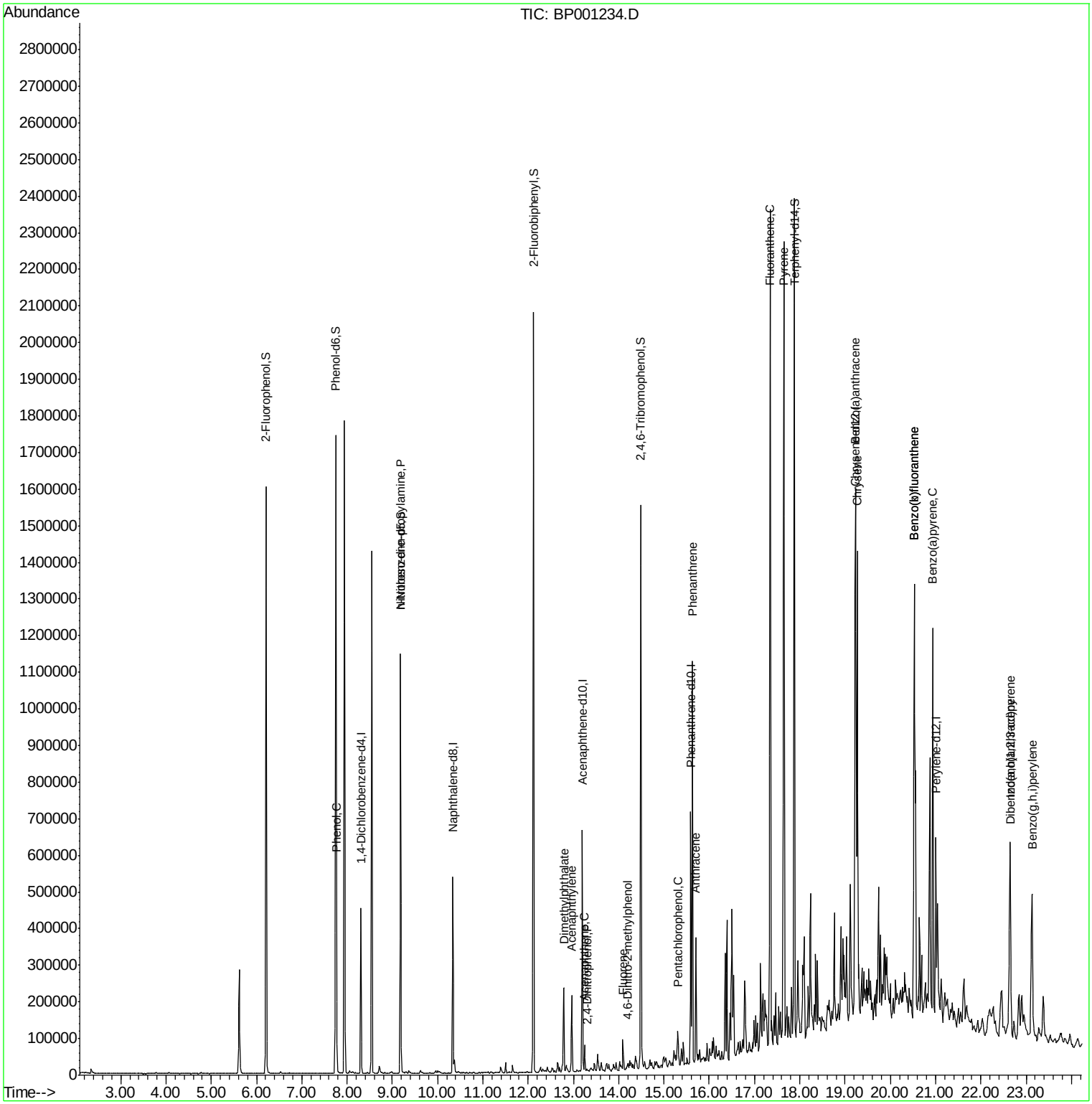
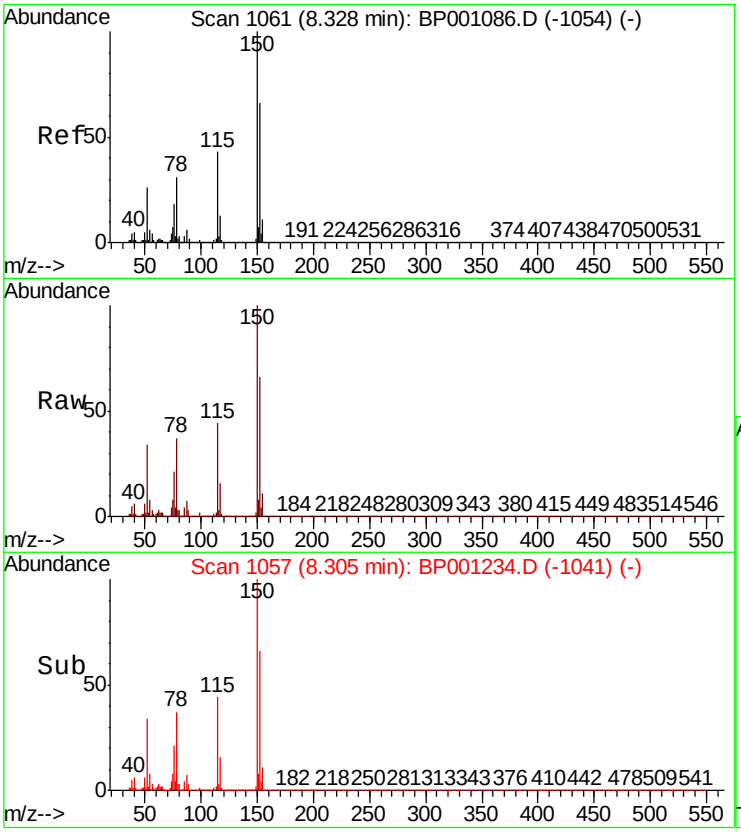


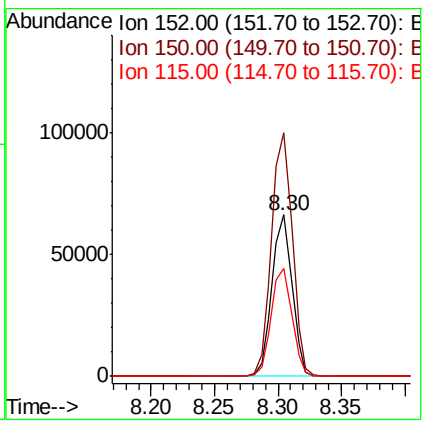


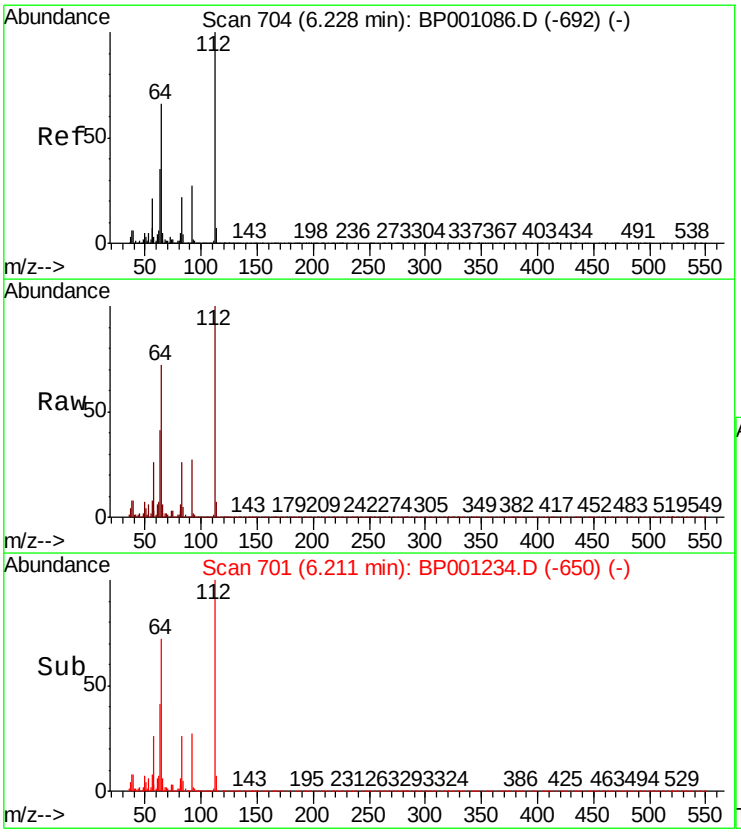
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 72892

Ion	Ratio	Lower	Upper
152	100		
150	151.1	127.3	190.9
115	67.2	56.0	84.0

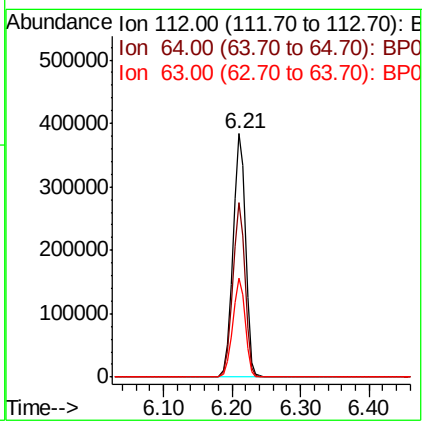


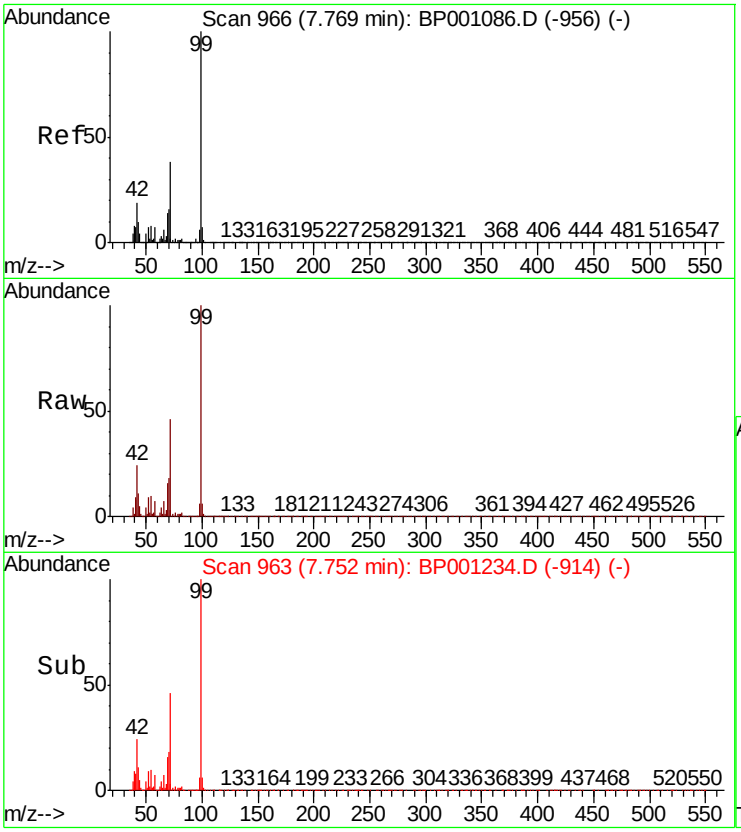


#5
2-Fluorophenol
Concen: 110.342 ng
RT: 6.21 min Scan# 701
Delta R.T. 0.00 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Tgt Ion:112 Resp: 484788

Ion	Ratio	Lower	Upper
112	100		
64	71.9	56.8	85.2
63	40.8	32.2	48.2



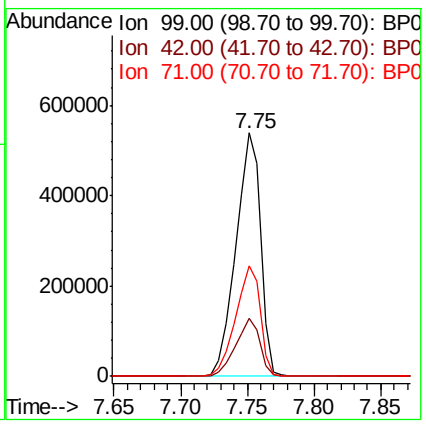


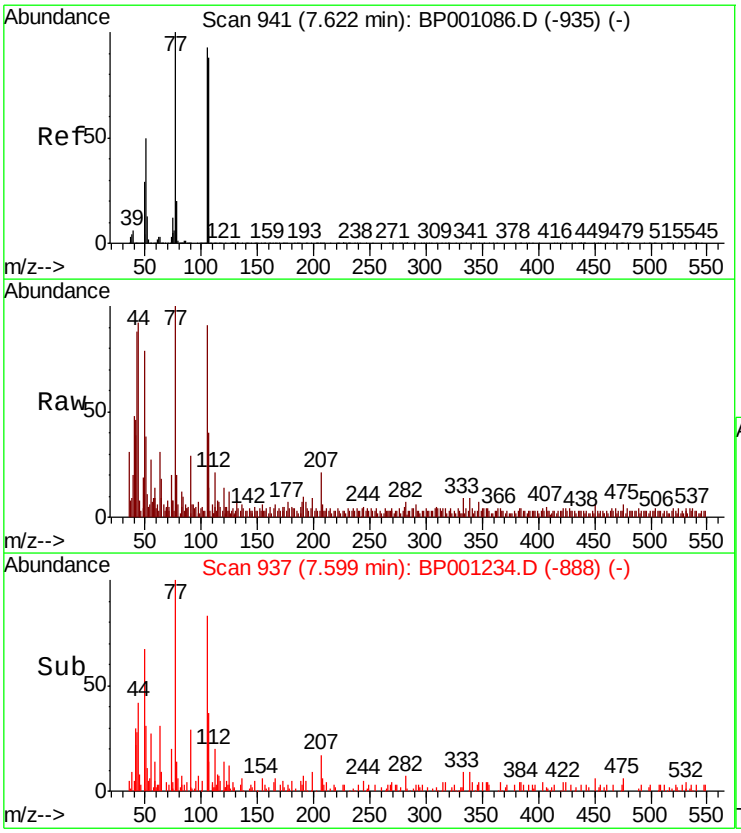
#7
Phenol-d6
Concen: 117.951 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 99 Resp: 690399

Ion	Ratio	Lower	Upper
99	100		
42	23.9	17.6	26.4
71	45.6	33.8	50.8

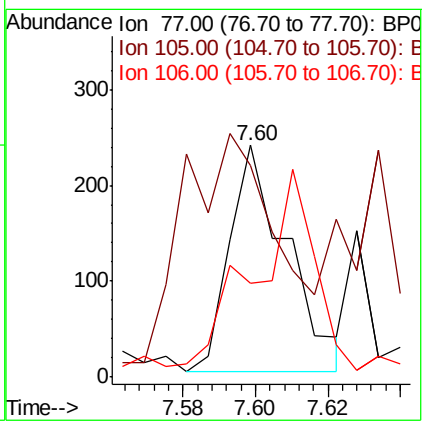


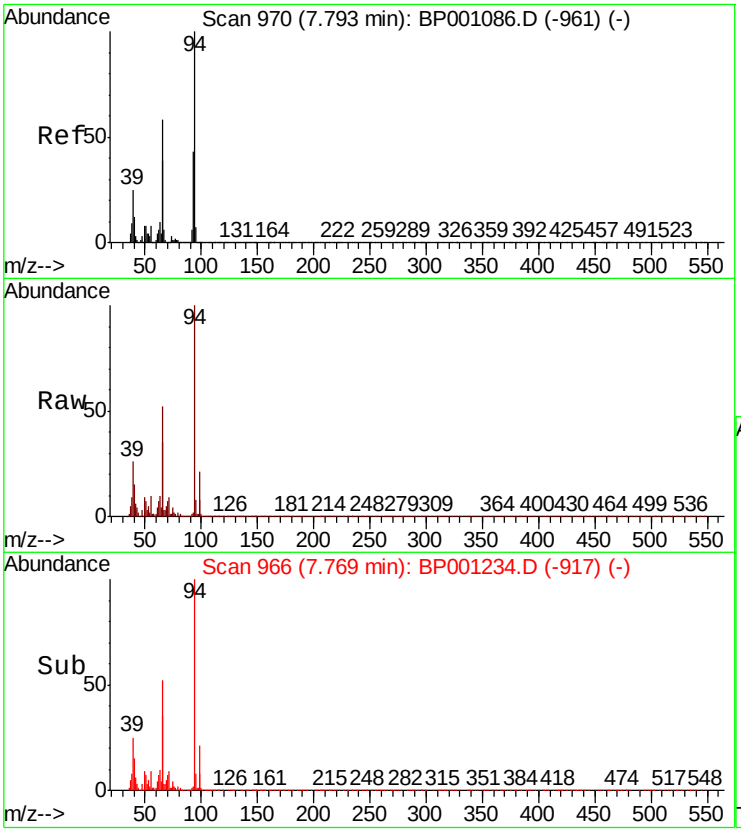


#9
Benzaldehyde
Concen: Below Cal
RT: 7.60 min Scan# 937
Delta R.T. -0.01 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Tgt Ion: 77 Resp: 263

Ion	Ratio	Lower	Upper
77	100		
105	91.3	69.7	109.7
106	40.5	67.1	107.1#



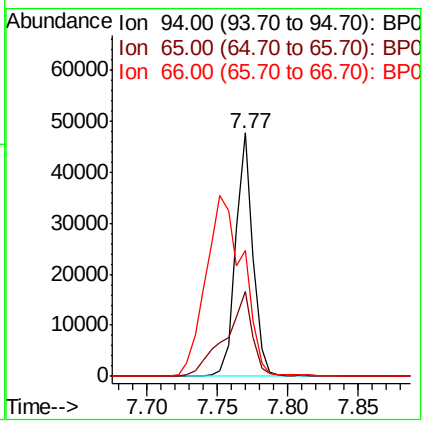


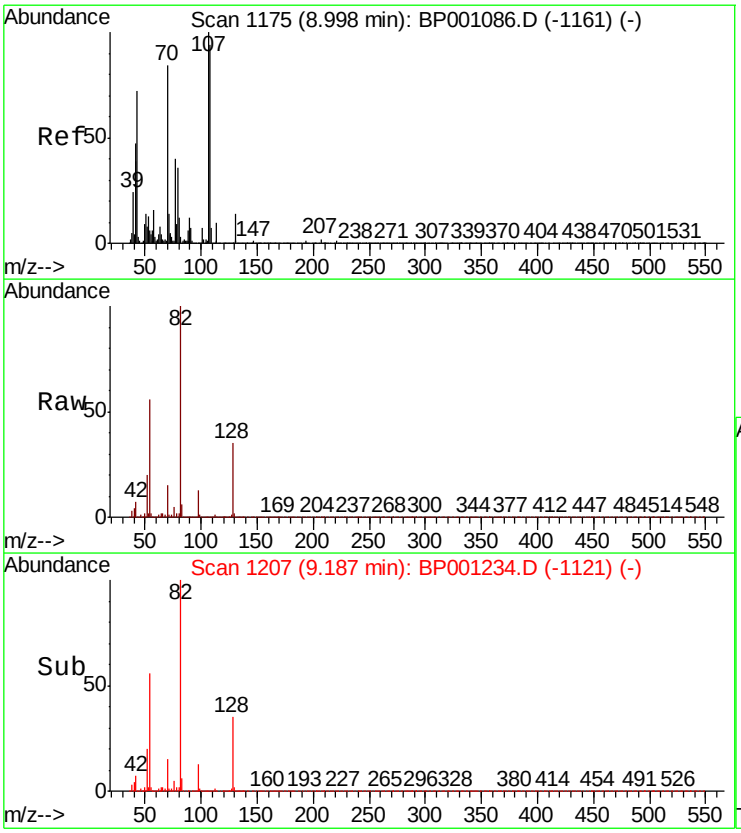
#10
Phenol
Concen: 6.098 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 94 Resp: 40599

Ion	Ratio	Lower	Upper
94	100		
65	34.9	25.6	65.6
66	51.9	52.6	92.6#

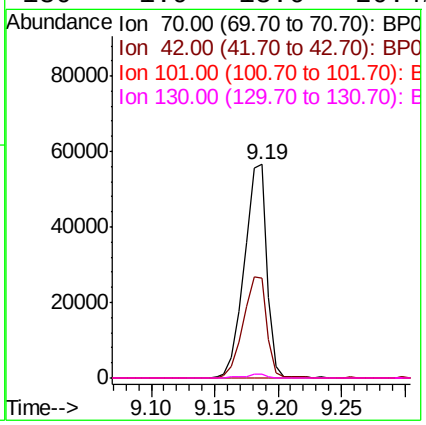


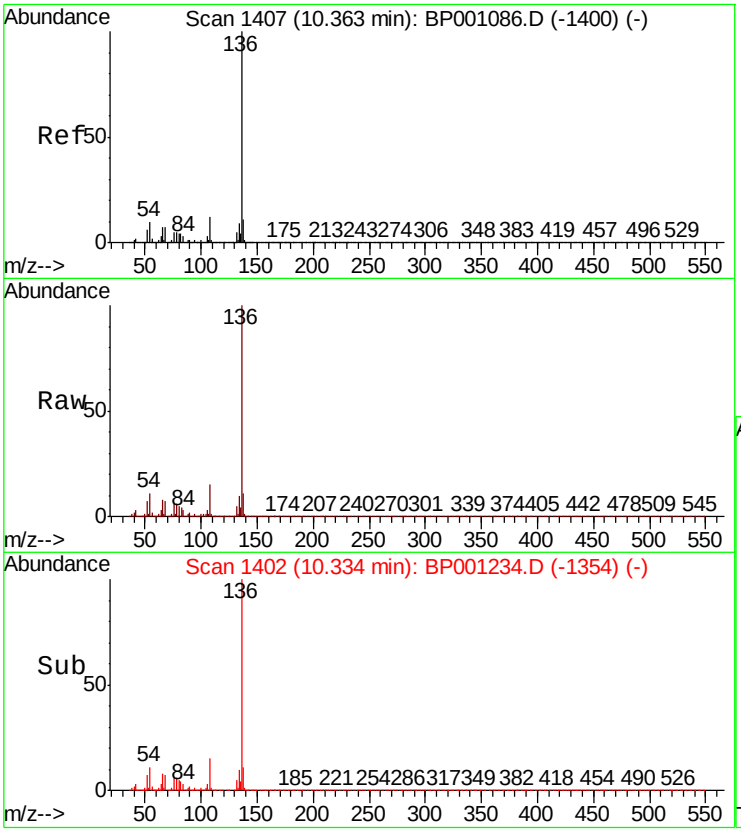


#19
n-Nitroso-di-n-propylamine
Concen: 16.601 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.21 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Tgt Ion: 70 Resp: 70117

Ion	Ratio	Lower	Upper
70	100		
42	47.0	50.6	76.0#
101	0.1	7.1	10.7#
130	1.9	13.6	20.4#



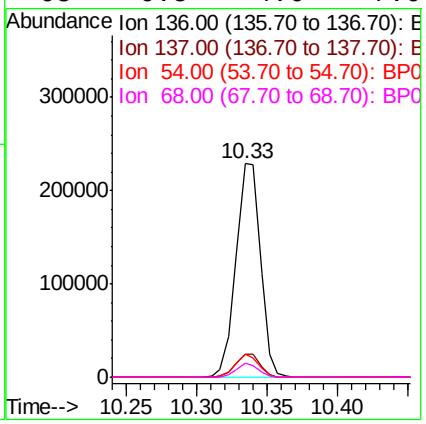


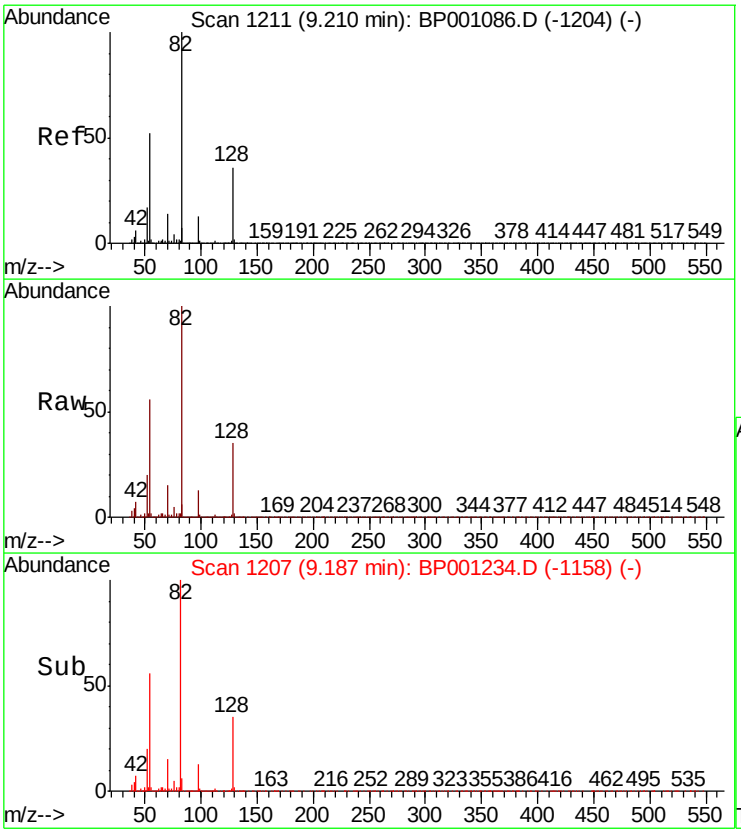
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.02 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:136 Resp: 277418

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	11.0	7.4	11.0
68	6.5	4.6	7.0

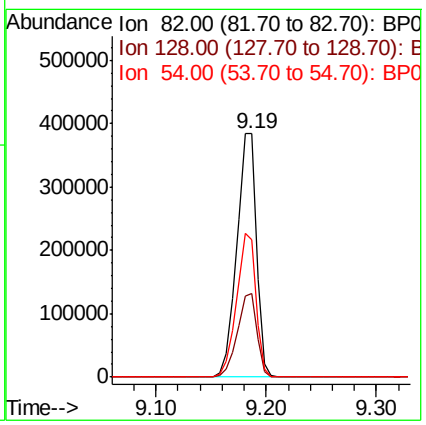


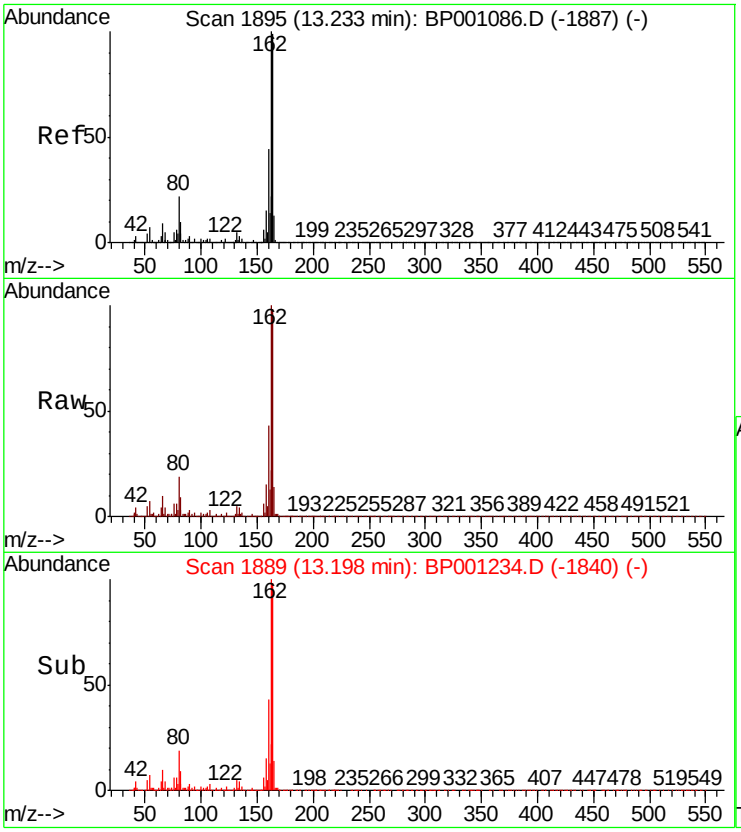


#23
Nitrobenzene-d5
Concen: 75.635 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Tgt Ion: 82 Resp: 483624

Ion	Ratio	Lower	Upper
82	100		
128	34.5	27.5	41.3
54	56.5	45.7	68.5



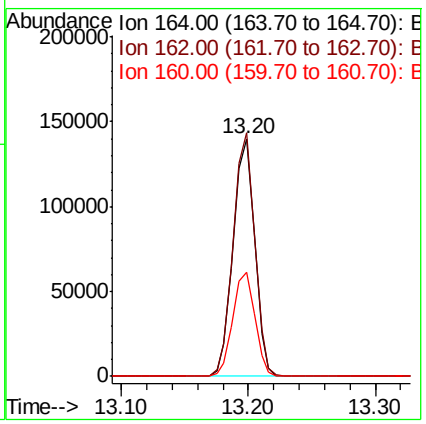


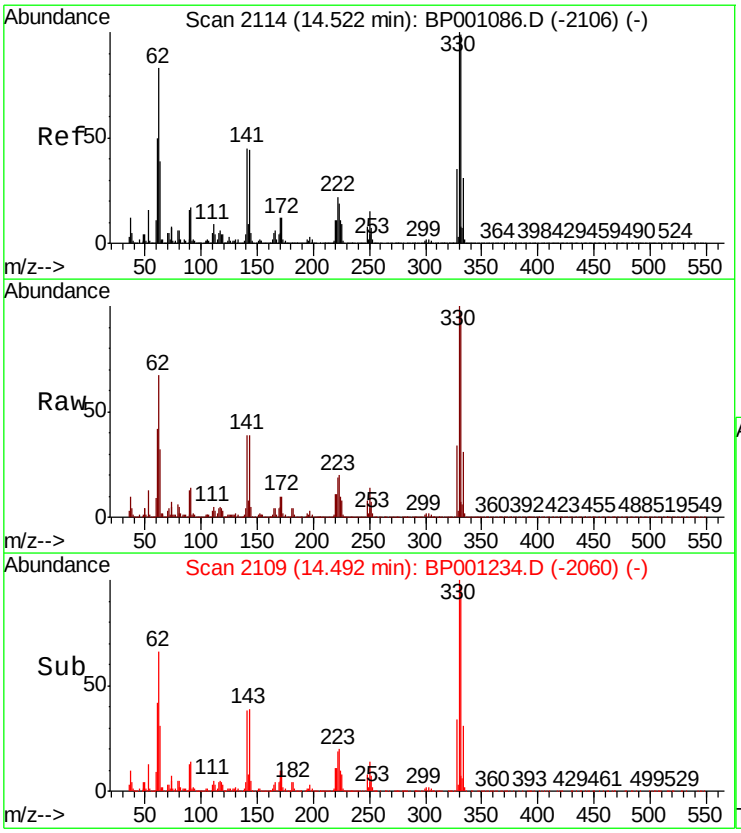
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:164 Resp: 164402

Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.7	121.1
160	43.5	36.3	54.5

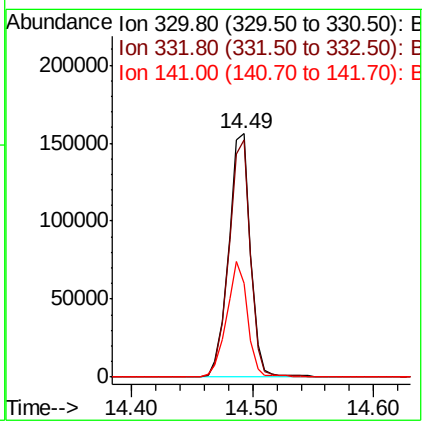


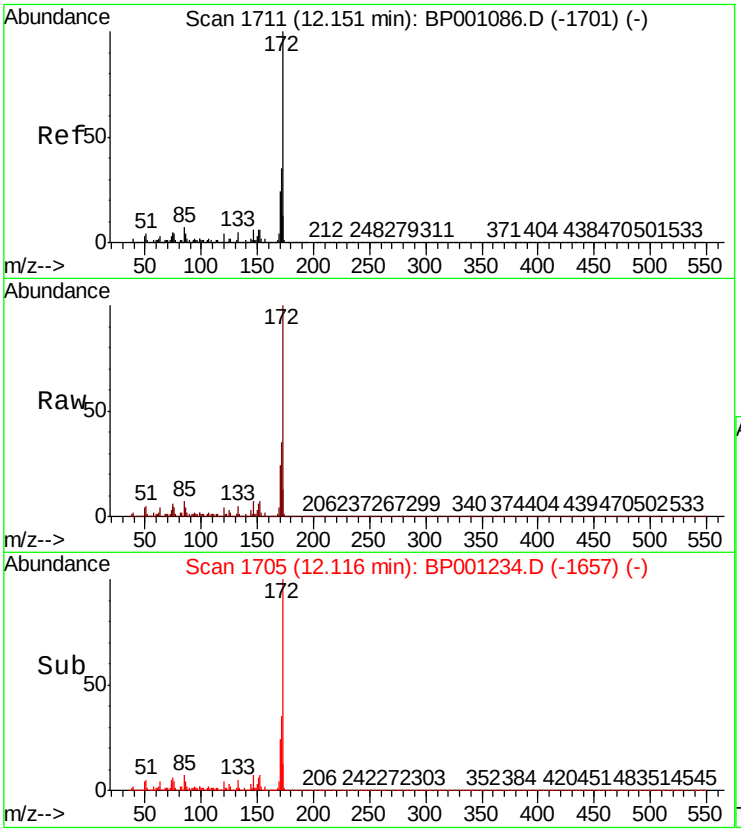


#42
2,4,6-Tribromophenol
Concen: 124.678 ng
RT: 14.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Tgt Ion:330 Resp: 196466

Ion	Ratio	Lower	Upper
330	100		
332	96.5	79.1	118.7
141	45.3	35.9	53.9



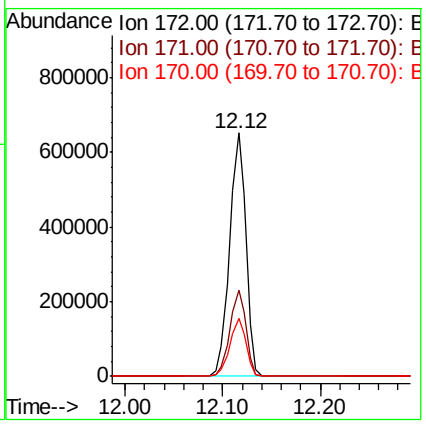


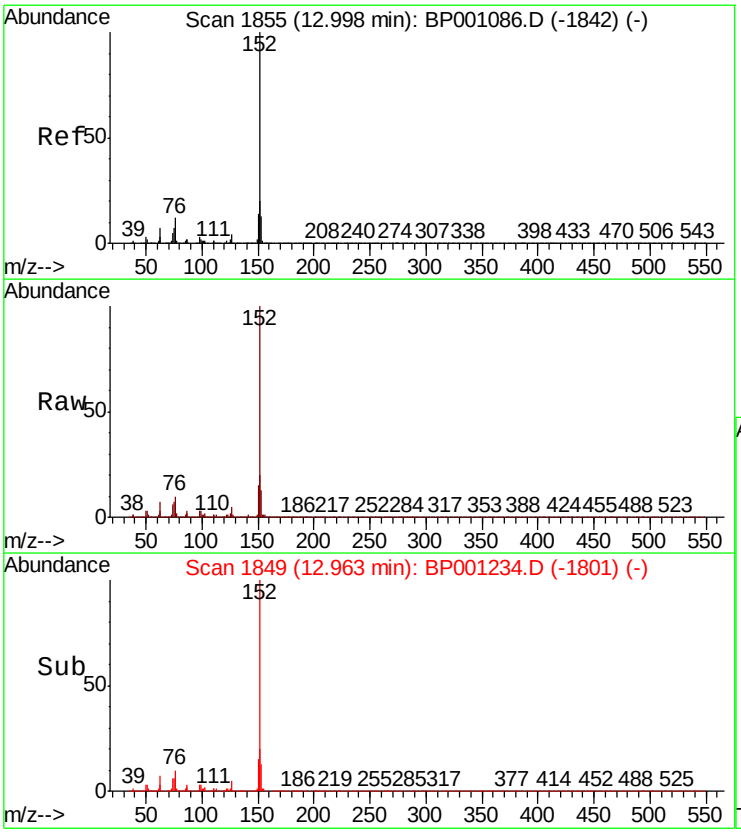
#45
2-Fluorobiphenyl
Concen: 67.467 ng
RT: 12.12 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:172 Resp: 757853

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.7	43.1
170	23.8	19.2	28.8

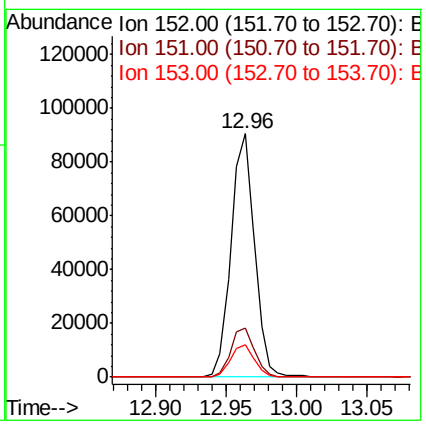


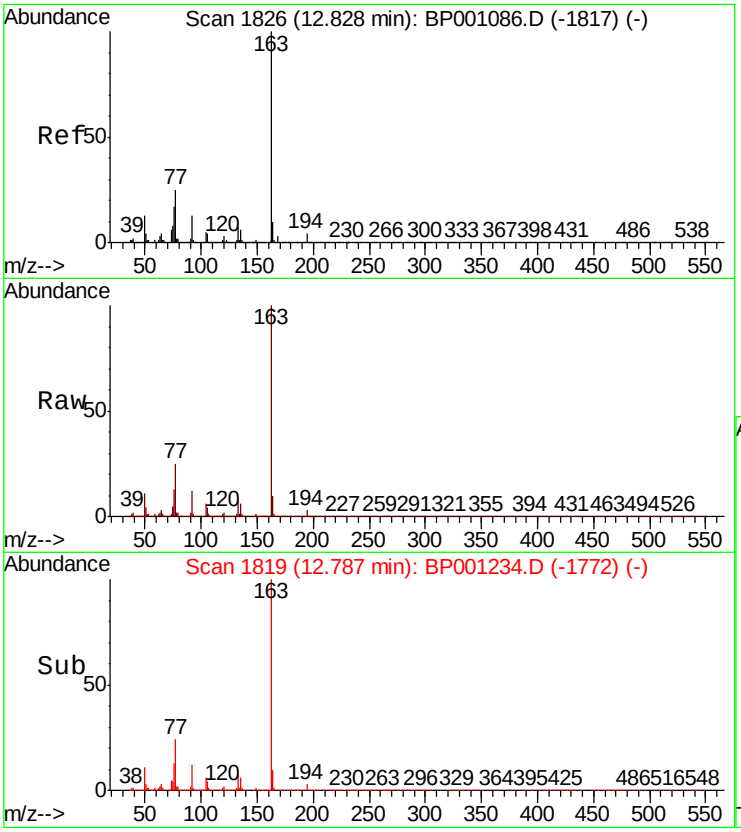


#49
Acenaphthylene
Concen: 6.919 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.02 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Tgt Ion:152 Resp: 105256

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.3	10.3	15.5



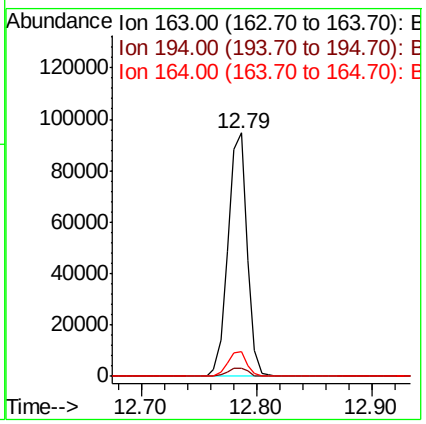


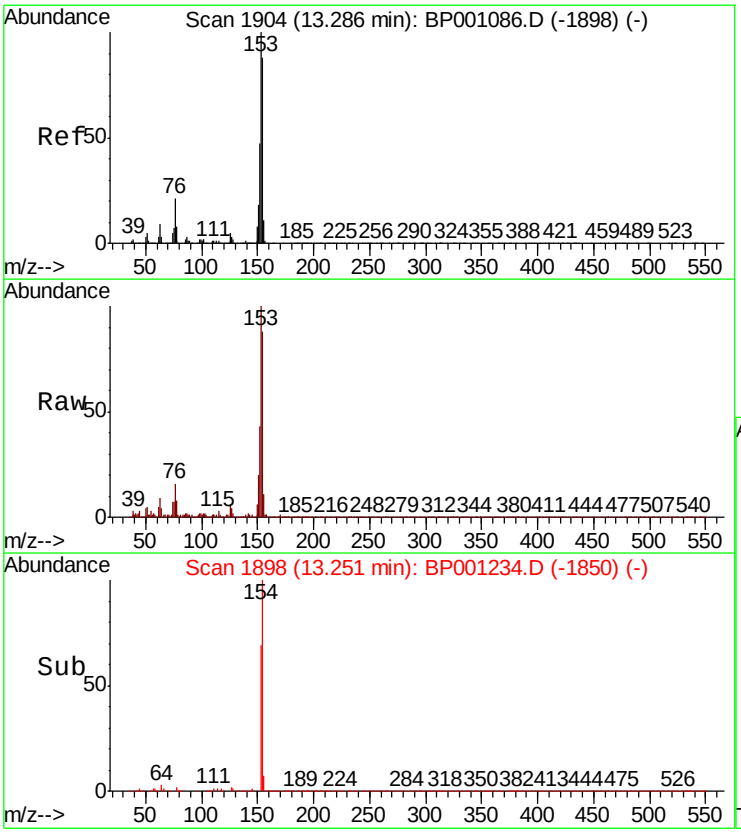
#50
Dimethylphthalate
Concen: 8.799 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.02 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:163 Resp: 108189

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.1	4.7
164	10.2	8.2	12.4

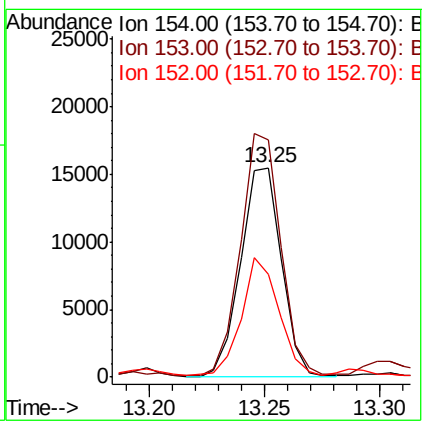


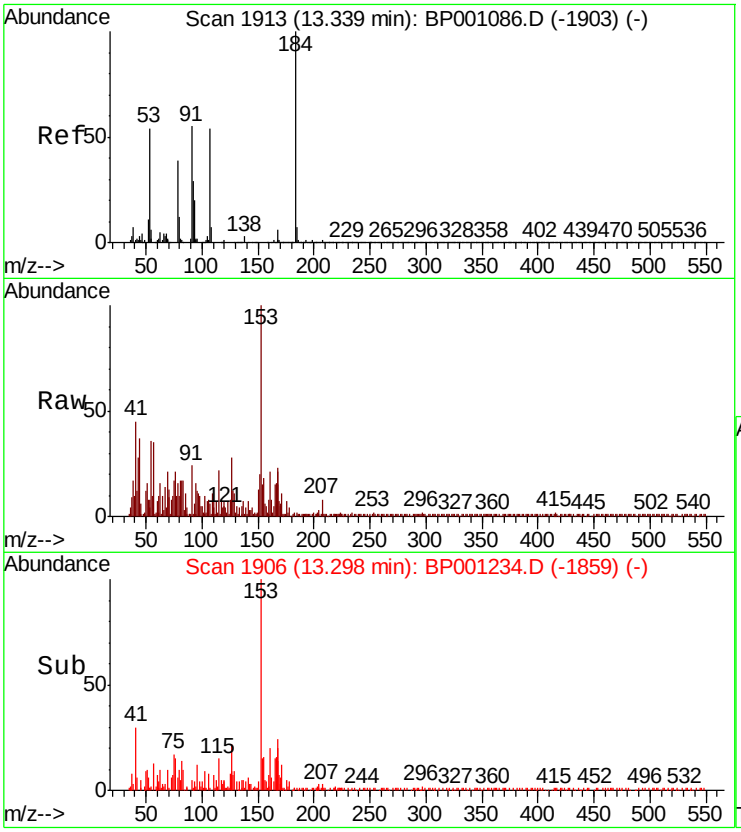


#52
Acenaphthene
Concen: 2.100 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Tgt Ion:154 Resp: 19214

Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.3	135.5
152	49.2	42.9	64.3



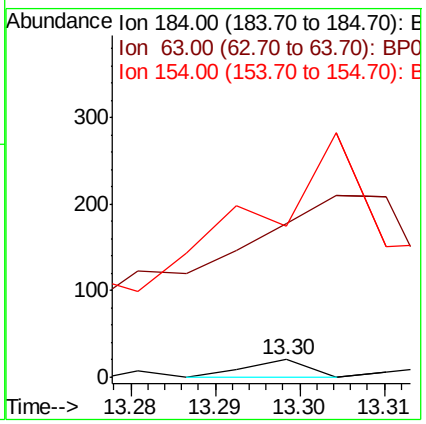


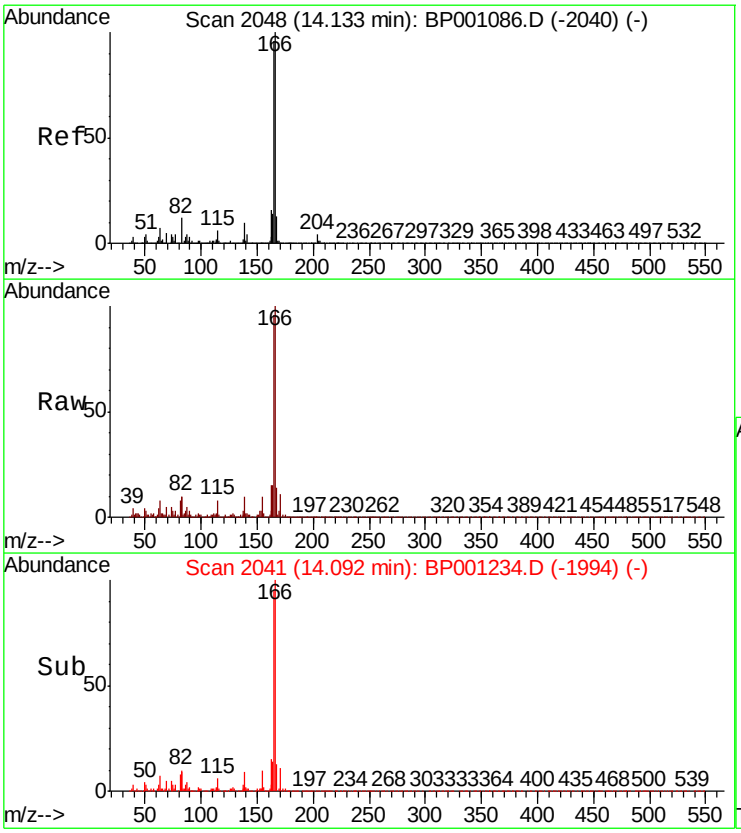
#54
2,4-Dinitrophenol
Concen: 7.118 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.02 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:184 Resp: 10

Ion	Ratio	Lower	Upper
184	100		
63	885.0	69.4	104.0#
154	870.0	57.4	86.2#

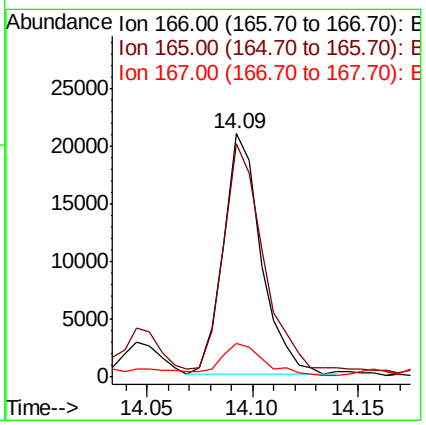


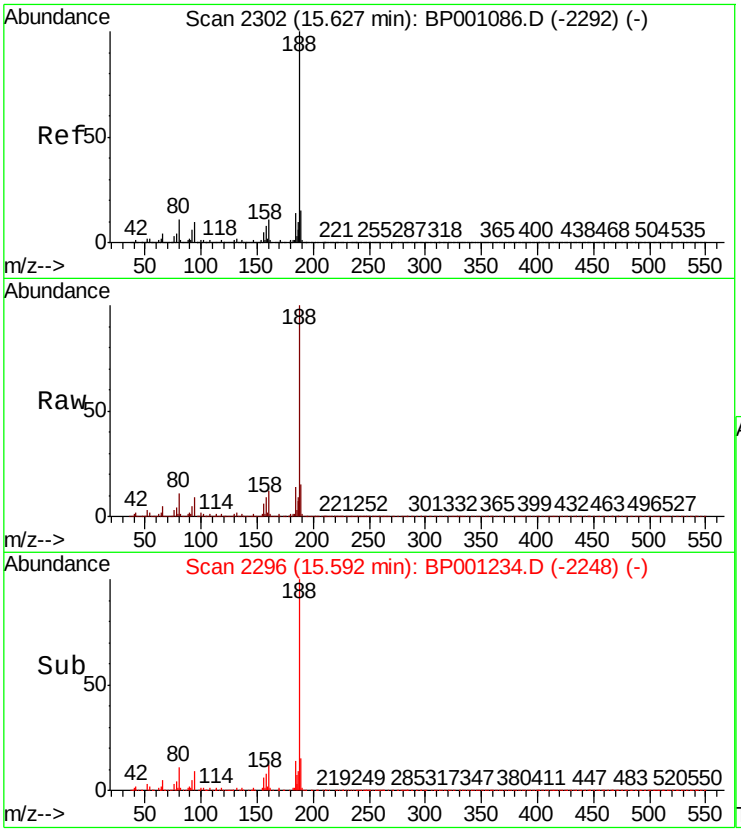


#58
Fluorene
Concen: 2.317 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Tgt Ion:166 Resp: 25535

Ion	Ratio	Lower	Upper
166	100		
165	95.7	77.8	116.8
167	14.0	10.5	15.7



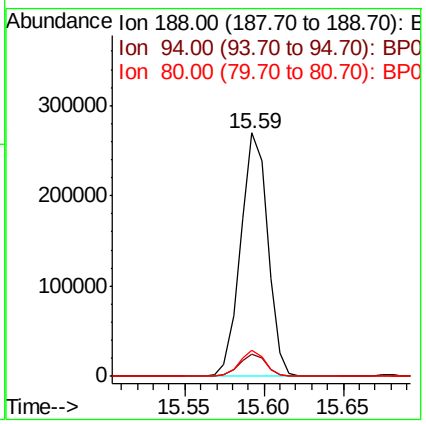


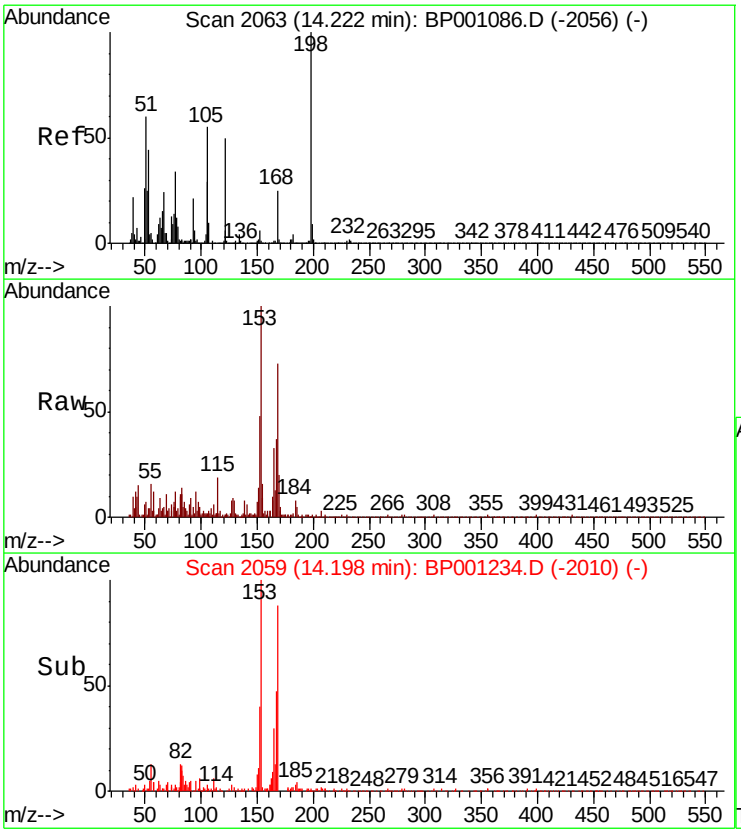
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.02 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:188 Resp: 319514

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.1	10.7
80	10.6	7.8	11.6

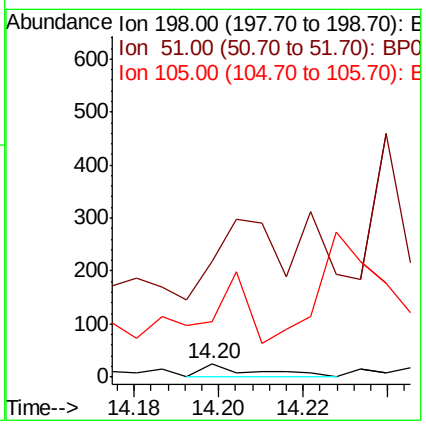


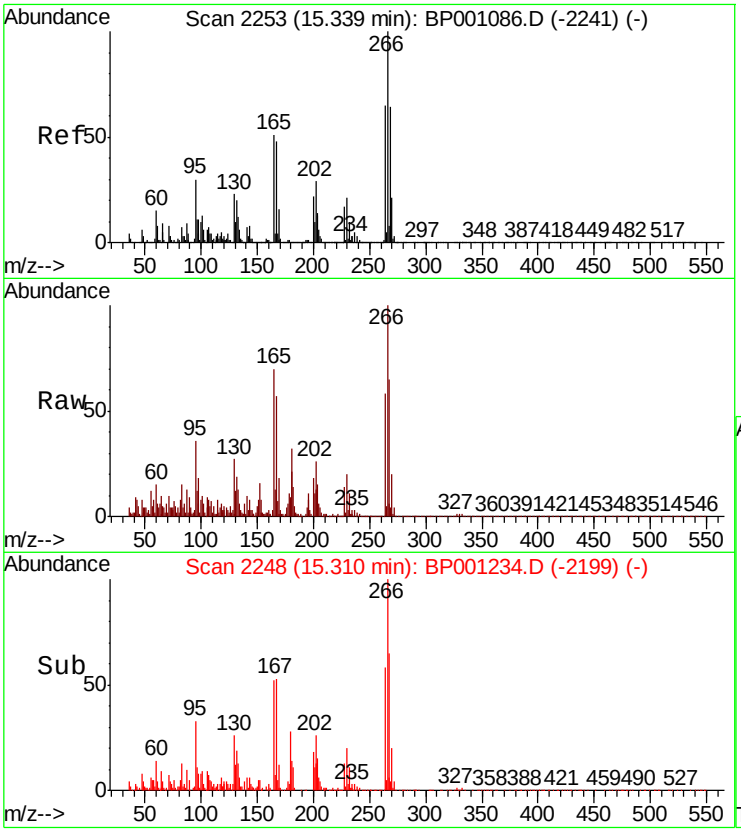


#65
4,6-Dinitro-2-methylphenol
Concen: 6.290 ng
RT: 14.20 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Tgt Ion:198 Resp: 22

Ion	Ratio	Lower	Upper
198	100		
51	876.0	36.2	76.2#
105	416.0	30.2	70.2#



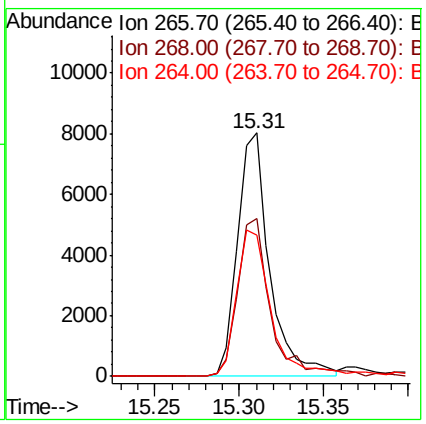


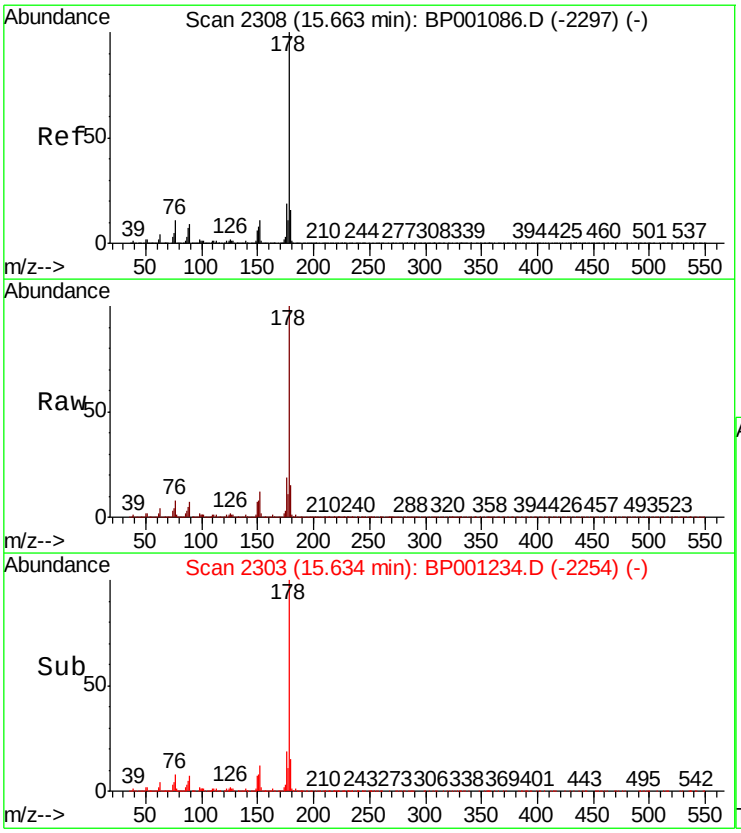
#70
Pentachlorophenol
Concen: 5.352 ng
RT: 15.31 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:266 Resp: 10637

Ion	Ratio	Lower	Upper
266	100		
268	68.5	50.6	76.0
264	58.1	49.9	74.9

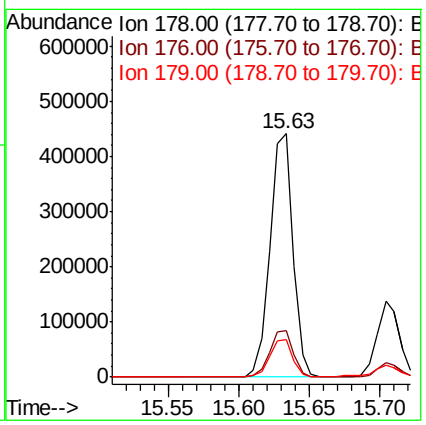


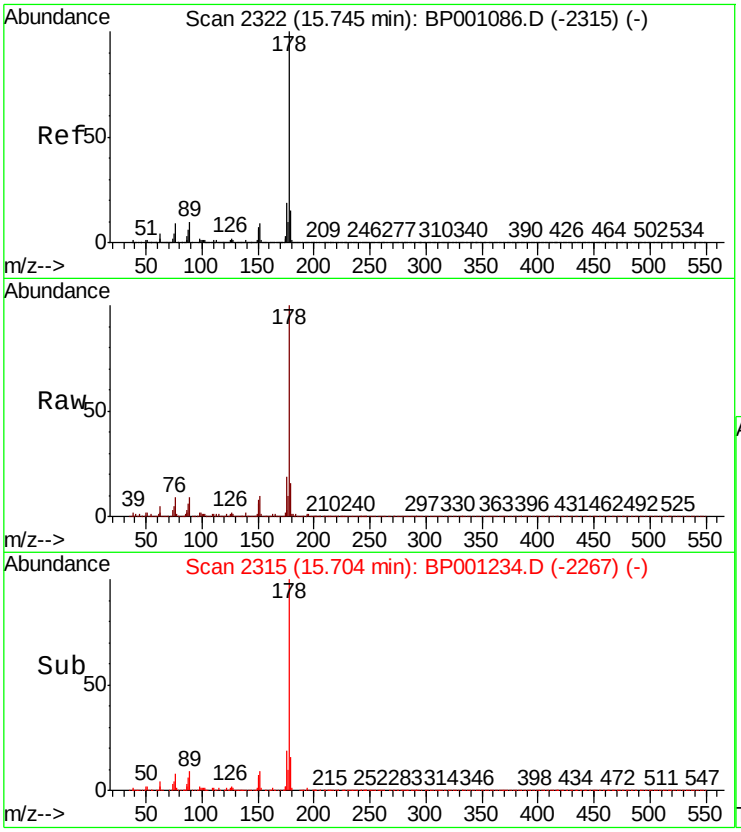


#71
Phenanthrene
Concen: 30.019 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Tgt Ion:178 Resp: 504257

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	15.5	12.4	18.6



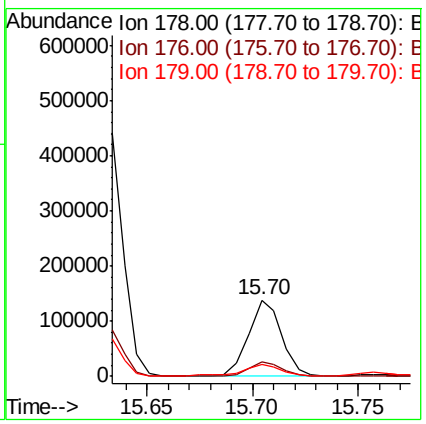


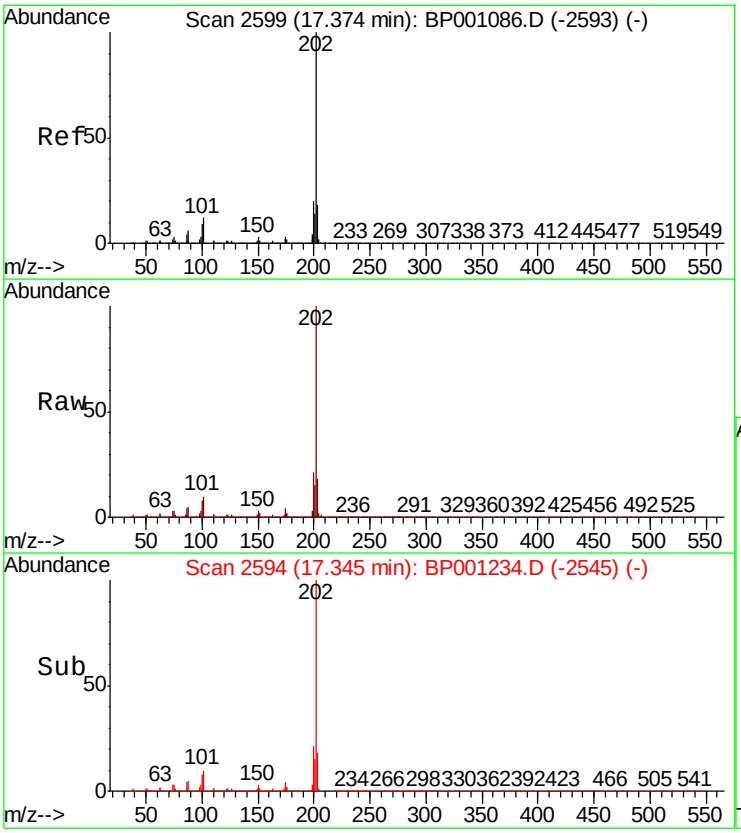
#72
Anthracene
Concen: 9.078 ng
RT: 15.70 min Scan# 2315
Delta R.T. -0.02 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:178 Resp: 150307

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.9	12.7	19.1

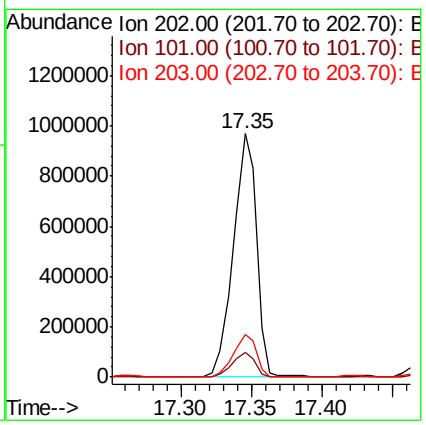


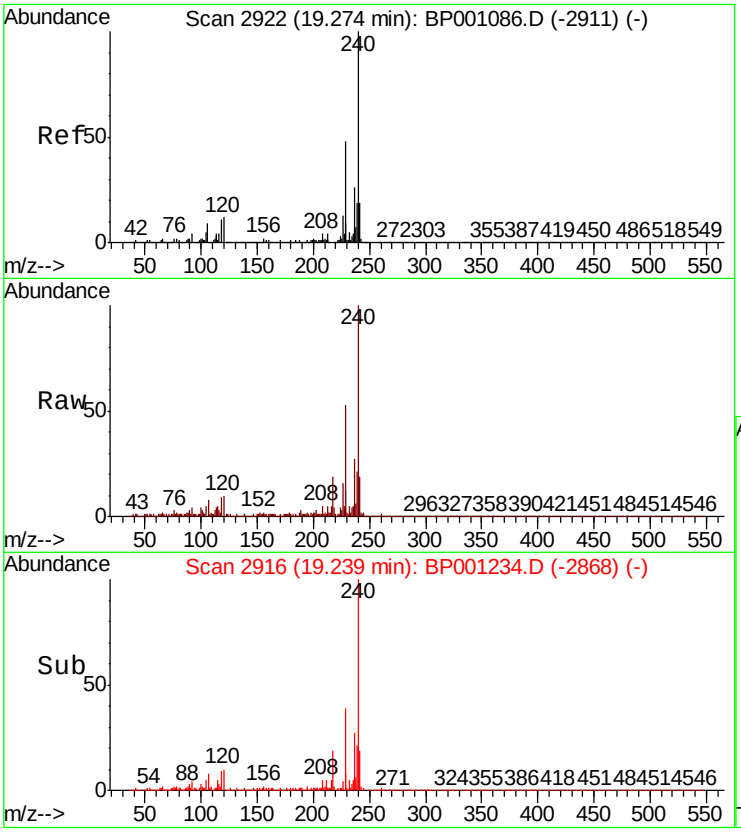


#75
Fluoranthene
Concen: 61.985 ng
RT: 17.35 min Scan# 2594
Delta R.T. -0.01 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Tgt Ion:202 Resp: 1102295

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.0
203	17.6	0.0	37.1



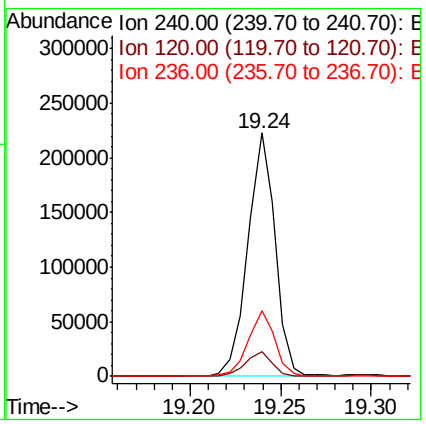


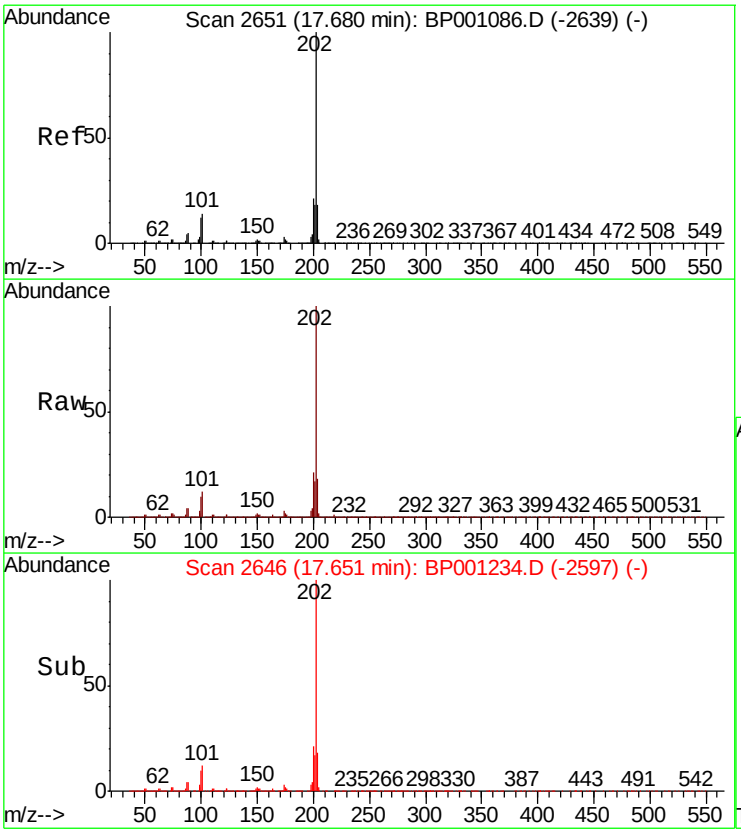
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.24 min Scan# 2916
Delta R.T. -0.02 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:240 Resp: 230301

Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.0	10.6
236	27.0	21.7	32.5

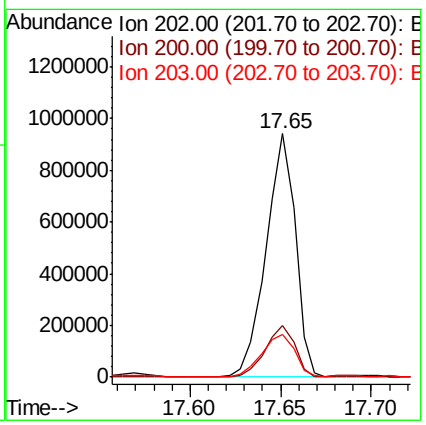


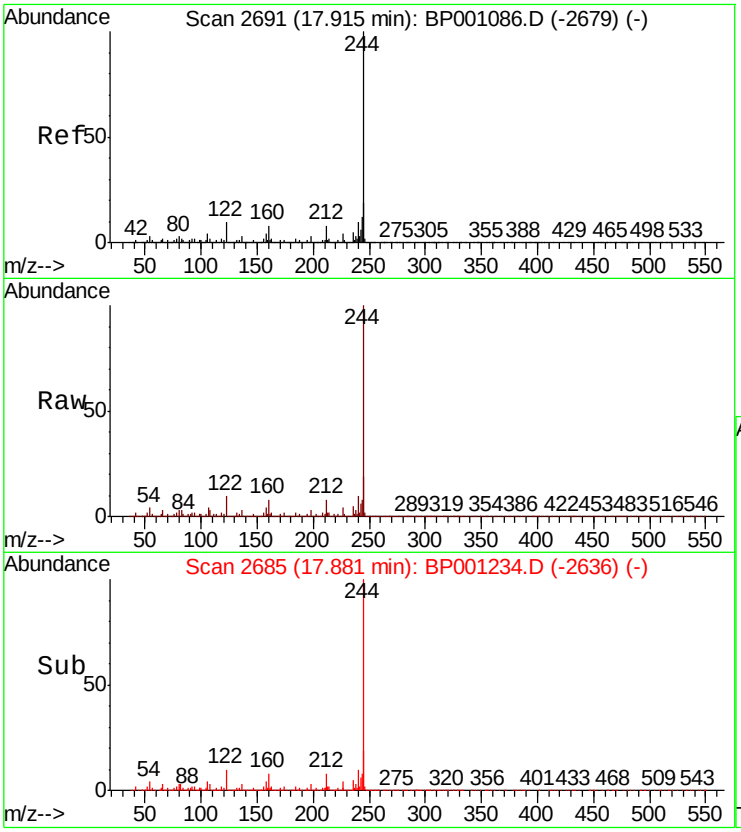


#78
Pyrene
Concen: 58.262 ng
RT: 17.65 min Scan# 2646
Delta R.T. -0.01 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Tgt Ion:202 Resp: 1056810

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.3	25.9
203	17.8	13.8	20.8



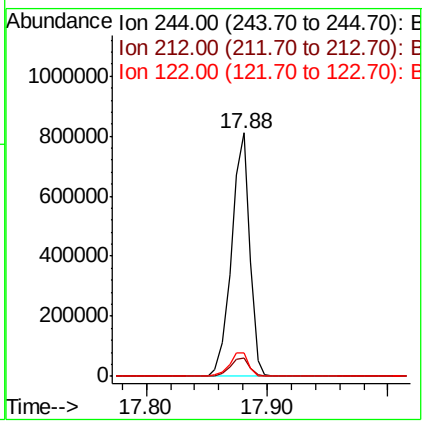


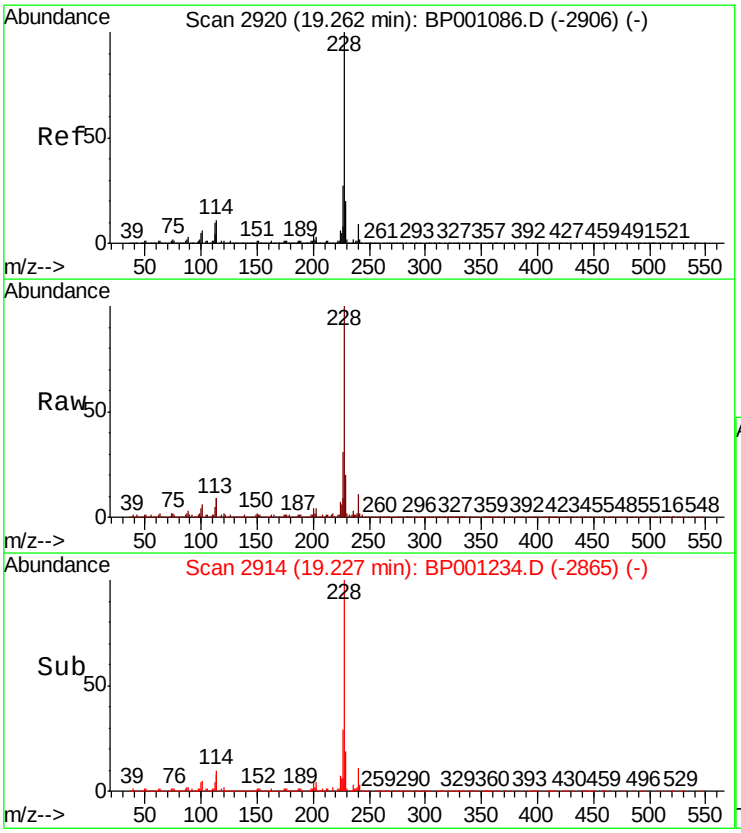
#79
Terphenyl-d14
Concen: 68.154 ng
RT: 17.88 min Scan# 2685
Delta R.T. -0.01 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:244 Resp: 848389

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	9.8
122	9.6	9.2	13.8

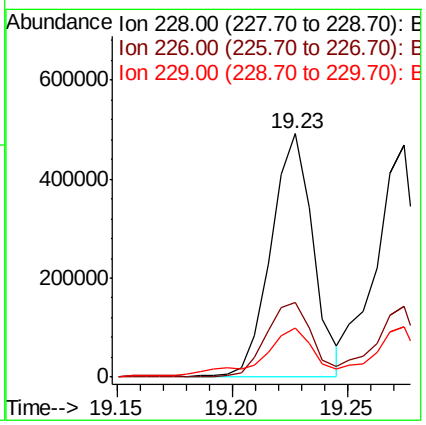


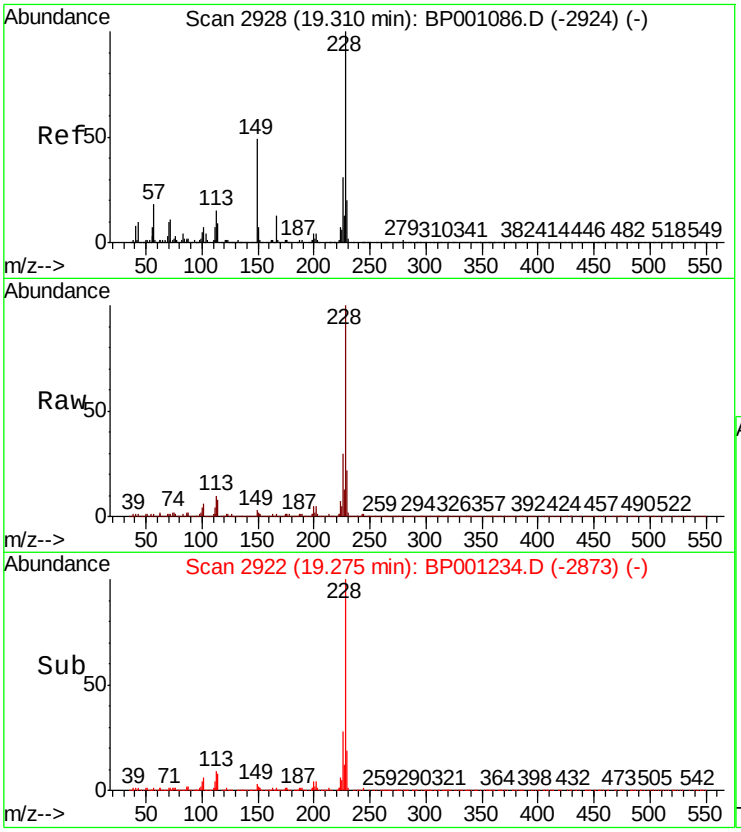


#81
Benzo(a)anthracene
Concen: 38.631 ng
RT: 19.23 min Scan# 2914
Delta R.T. -0.01 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Tgt Ion:228 Resp: 616837

Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.7	32.5
229	20.1	15.8	23.6



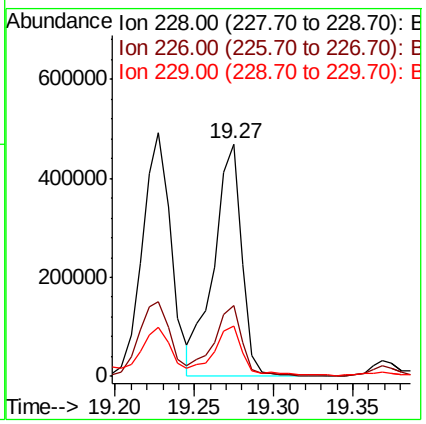


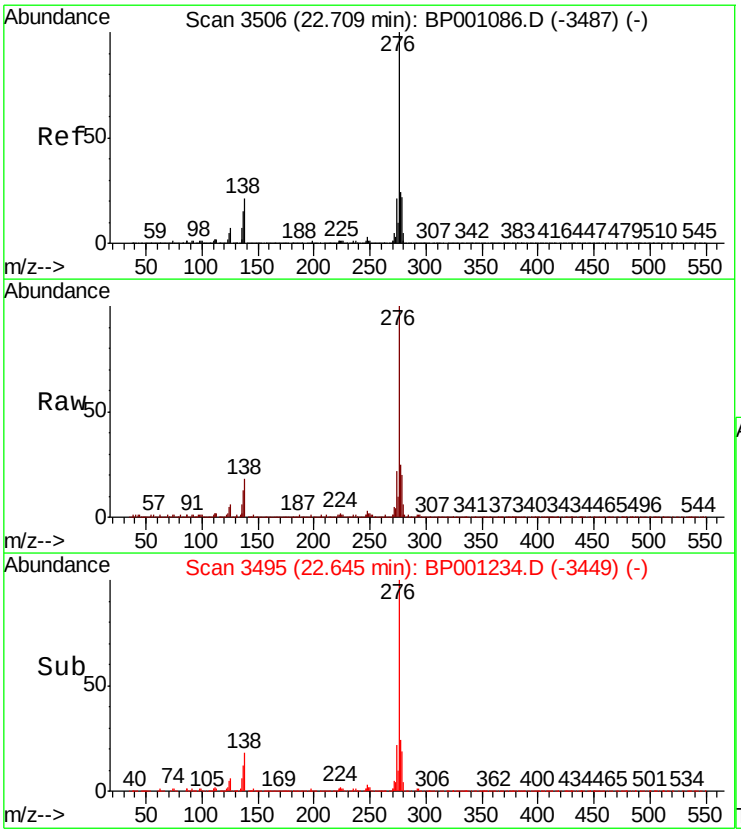
#83
Chrysene
Concen: 39.853 ng
RT: 19.27 min Scan# 2922
Delta R.T. -0.01 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:228 Resp: 569831

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.7	35.5
229	21.8	15.2	22.8

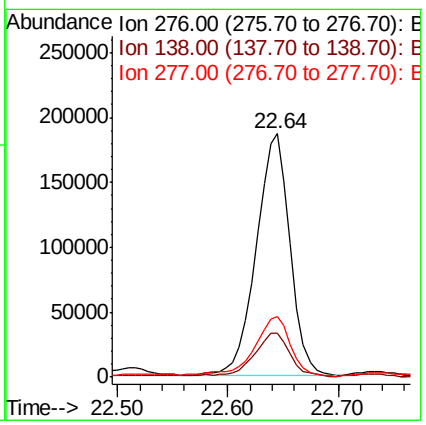


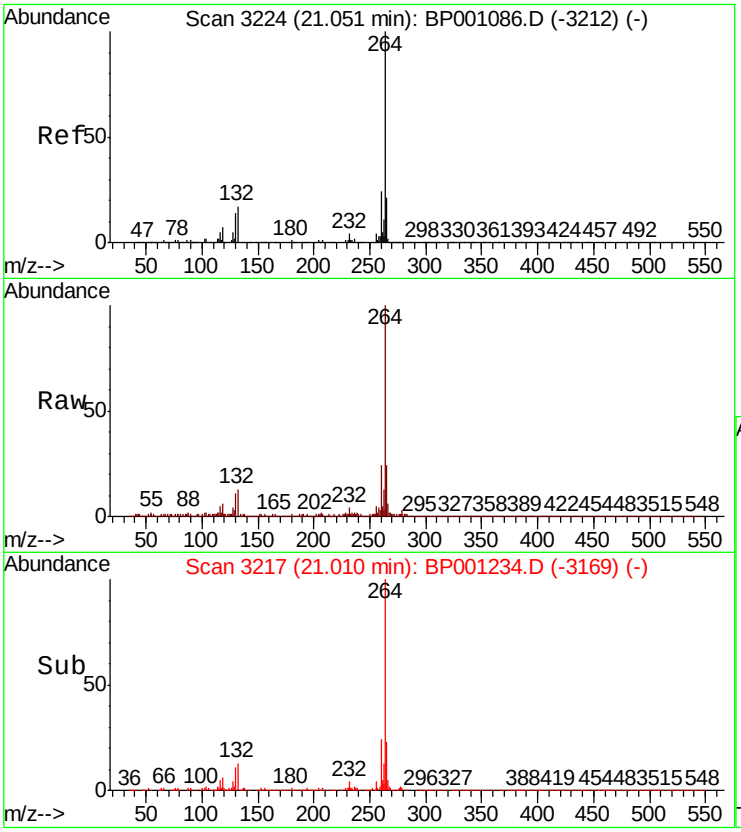


#86
Indeno(1,2,3-cd)pyrene
Concen: 23.485 ng
RT: 22.64 min Scan# 3495
Delta R.T. -0.03 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Tgt Ion:276 Resp: 395752

Ion	Ratio	Lower	Upper
276	100		
138	19.0	17.9	26.9
277	26.5	20.1	30.1



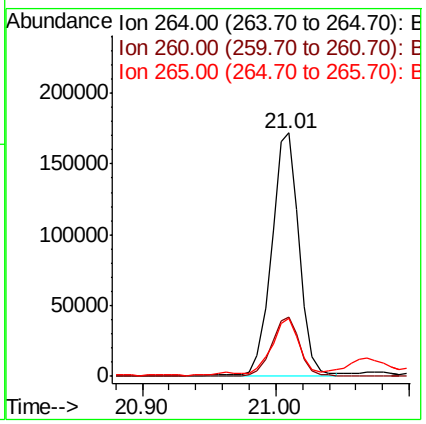


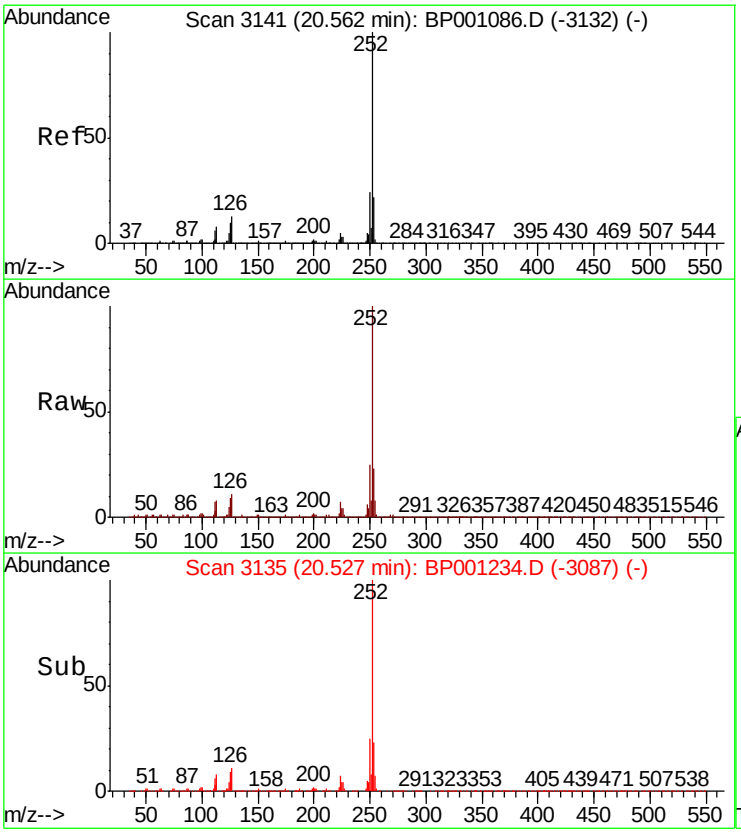
#87
Perylene-d12
Concen: 20.000 ng
RT: 21.01 min Scan# 3217
Delta R.T. -0.02 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 246187

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	23.7	17.1	25.7

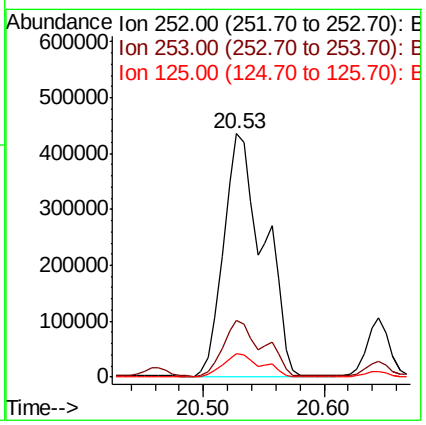


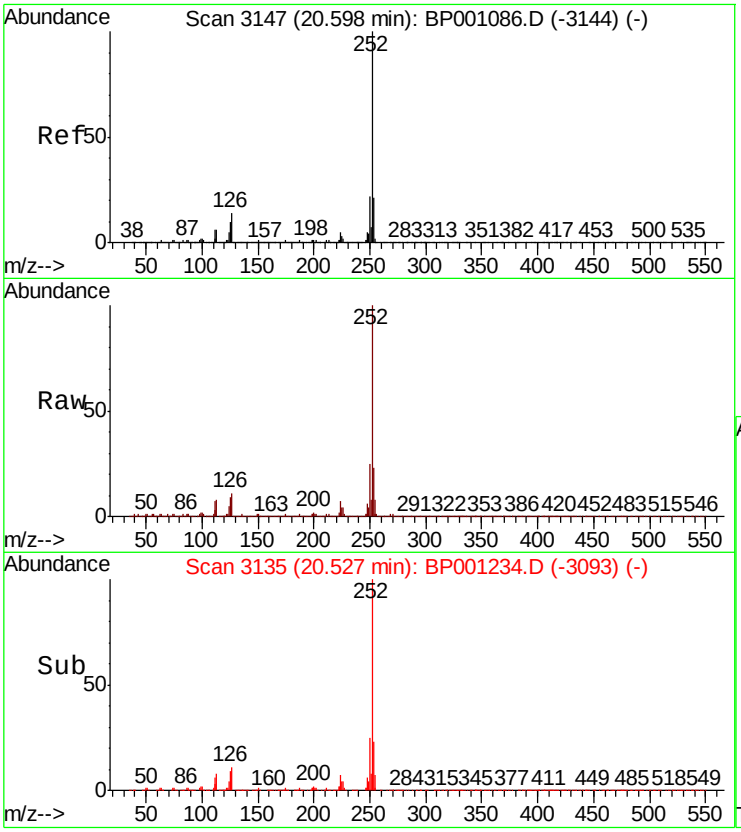


#88
Benzo(b)fluoranthene
Concen: 66.787 ng
RT: 20.53 min Scan# 3135
Delta R.T. -0.02 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Tgt Ion:252 Resp: 1004287

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	9.4	6.6	9.8



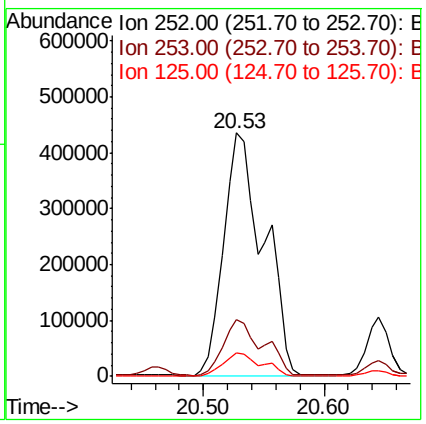


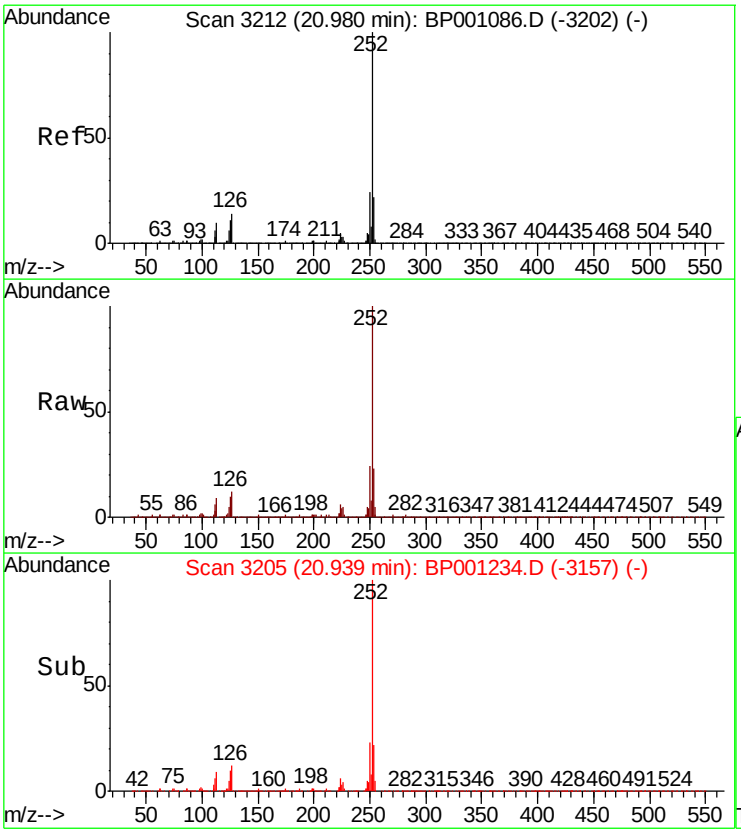
#89
Benzo(k)fluoranthene
Concen: 69.343 ng
RT: 20.53 min Scan# 3135
Delta R.T. -0.05 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 1004287

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	9.4	6.2	9.4#

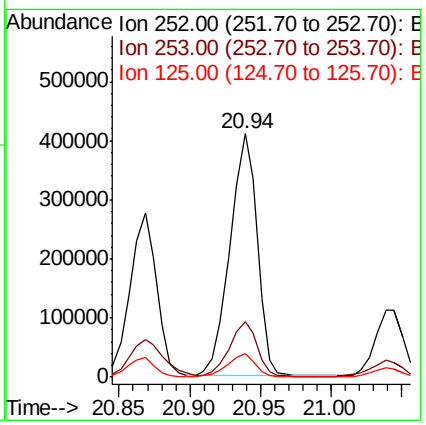


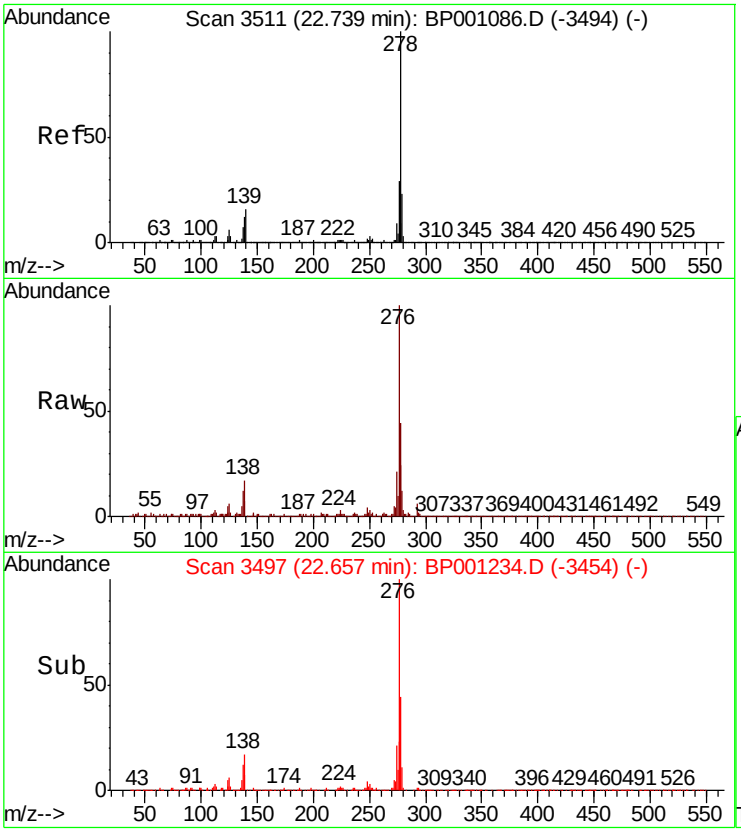


#90
Benzo(a)pyrene
Concen: 39.777 ng
RT: 20.94 min Scan# 3205
Delta R.T. -0.02 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Tgt Ion:252 Resp: 550937

Ion	Ratio	Lower	Upper
252	100		
253	22.5	16.8	25.2
125	9.6	7.8	11.6



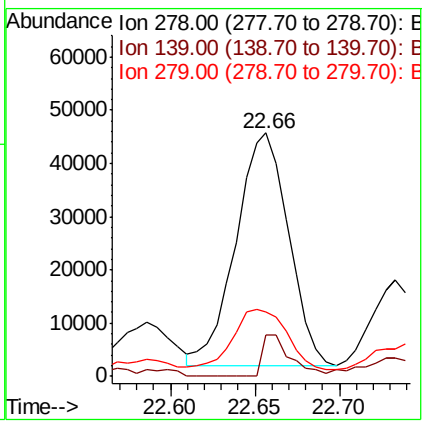


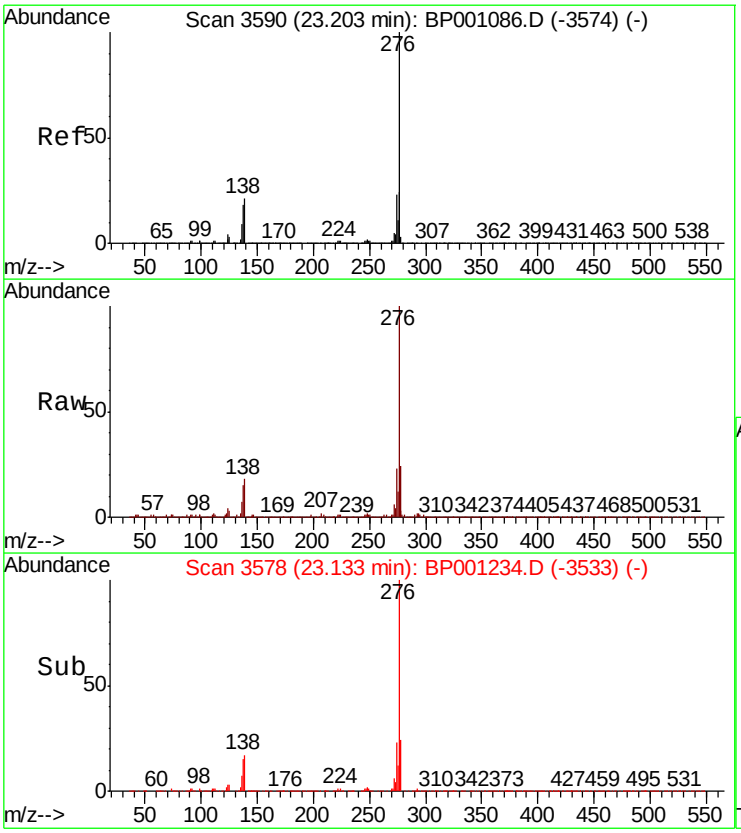
#91
Dibenzo(a,h)anthracene
Concen: 7.010 ng
RT: 22.66 min Scan# 3497
Delta R.T. -0.05 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:278 Resp: 95014

Ion	Ratio	Lower	Upper
278	100		
139	16.7	11.6	17.4
279	26.6	18.7	28.1





#92
Benzo(g,h,i)perylene
Concen: 28.763 ng
RT: 23.13 min Scan# 3578
Delta R.T. -0.04 min
Lab File: BP001234.D
Acq: 06 Dec 2019 17:24

Tgt Ion:276 Resp: 384976

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	17.8	15.6	23.4