Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP010620\

Quantitation Report (Not Reviewed)

Data File : BP001543.D
Acq On : 06 Jan 2020 22:42
Operator : JU
Sample : K6463-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GP-5C-(5-6)

Quant Time: Jan 07 02:58:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 06 16:38:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	56841	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	207211	20.00	ng		0.00
39) Acenaphthene-d10	14.33	164	125432	20.00	ng		0.00
64) Phenanthrene-d10	17.09	188	267155	20.00	ng		0.00
76) Chrysene-d12	21.19	240	226955	20.00	ng		0.00
87) Perylene-d12	23.44	264	238709	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	283196	83.70	ng		0.00
7) Phenol-d6	6.89	99	413489	90.73	ng		0.00
23) Nitrobenzene-d5	8.83	82	287890	68.62	ng		0.00
42) 2,4,6-Tribromophenol	15.83	330	152156	107.18	ng		0.00
45) 2-Fluorobiphenyl	12.95	172	502536	58.91	ng		0.00
79) Terphenyl-d14	19.67	244	708927	62.25	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.84	77	747	Below Cal		#	86
10) Phenol	6.91	94	11437	2.386	ng		93
32) Benzoic acid	9.81	122	177	7.845	ng	#	19
50) Dimethylphthalate	13.79	163	41515	4.234	ng	#	88
54) 2,4-Dinitrophenol	14.43	184	52	6.509	ng	#	1
65) 4,6-Dinitro-2-methylphenol	15.50	198	274	6.105	ng	#	1
71) Phenanthrene	17.13	178	34108	2.354	ng	#	83
75) Fluoranthene	19.11	202	123067	7.016	ng		98
78) Pyrene	19.46	202	217447	13.203	ng		98
81) Benzo(a)anthracene	21.17	228	39182	2.460	ng	#	62
83) Chrysene	21.22	228	48085	3.149	ng	#	78
88) Benzo(b)fluoranthene	22.77	252	69860	4.727	ng	#	67
89) Benzo(k)fluoranthene	22.77	252	69860	4.934	ng	#	68
90) Benzo(a)pyrene	23.34	252	31193	2.255	ng	#	57
92) Benzo(g,h,i)perylene	26.42	276	39522	2.882	ng	#	92

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

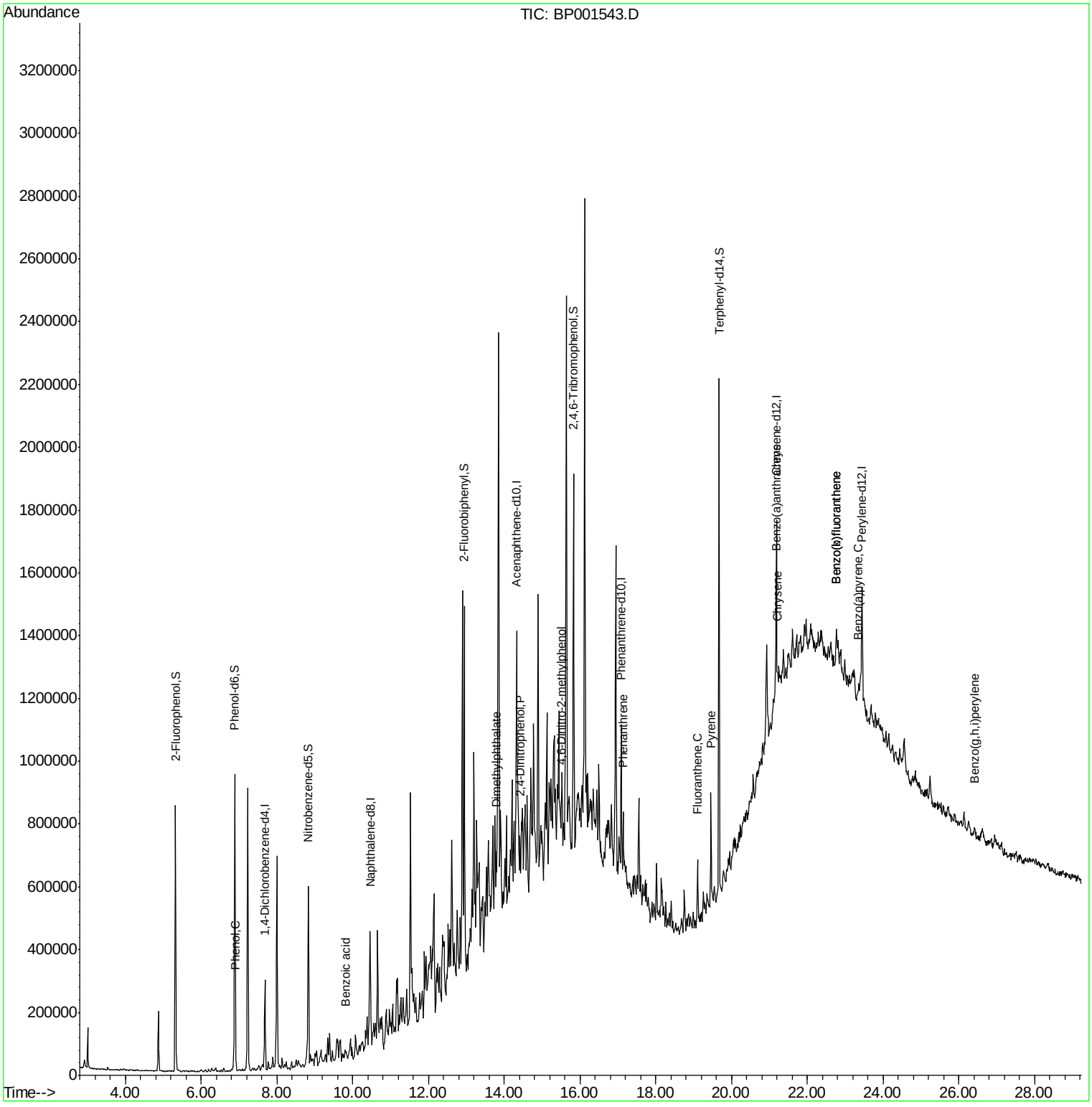
Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP010620\

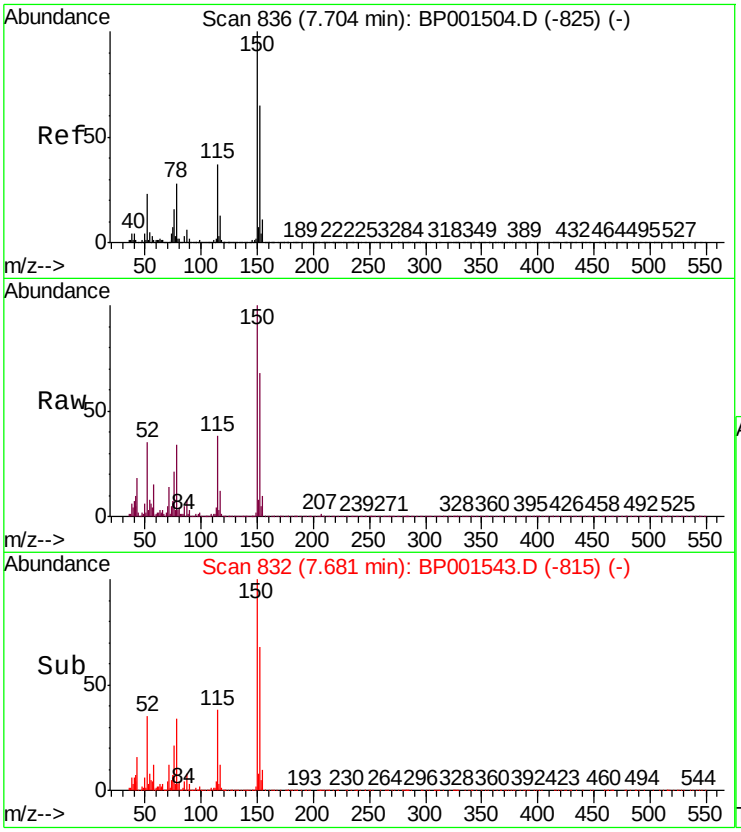
Quantitation Report (Not Reviewed)

Data File : BP001543.D
Acq On : 06 Jan 2020 22:42
Operator : JU
Sample : K6463-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GP-5C-(5-6)

Quant Time: Jan 07 02:58:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 06 16:38:29 2020
Response via : Initial Calibration



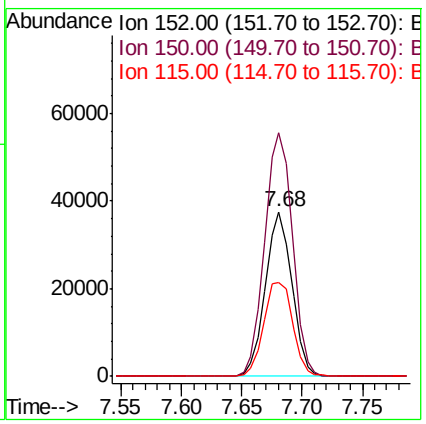


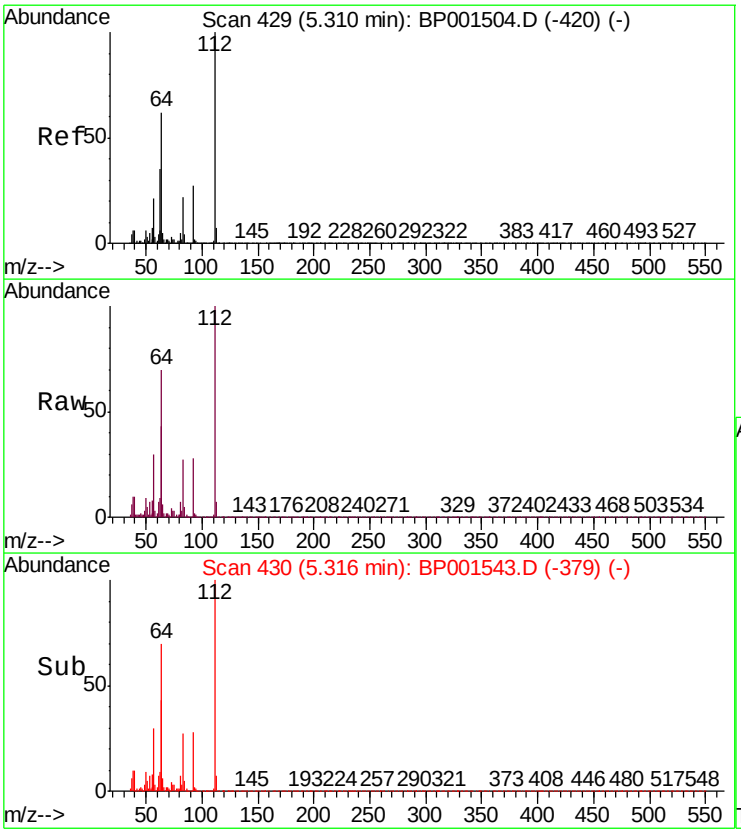
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 832
Delta R.T. -0.00 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Instrument :
BNA_P
ClientSampleId :
GP-5C-(5-6)

Tgt Ion:152 Resp: 56841

Ion	Ratio	Lower	Upper
152	100		
150	147.8	117.9	176.9
115	56.8	50.3	75.5

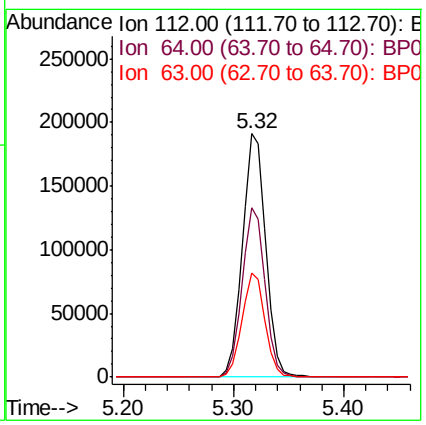


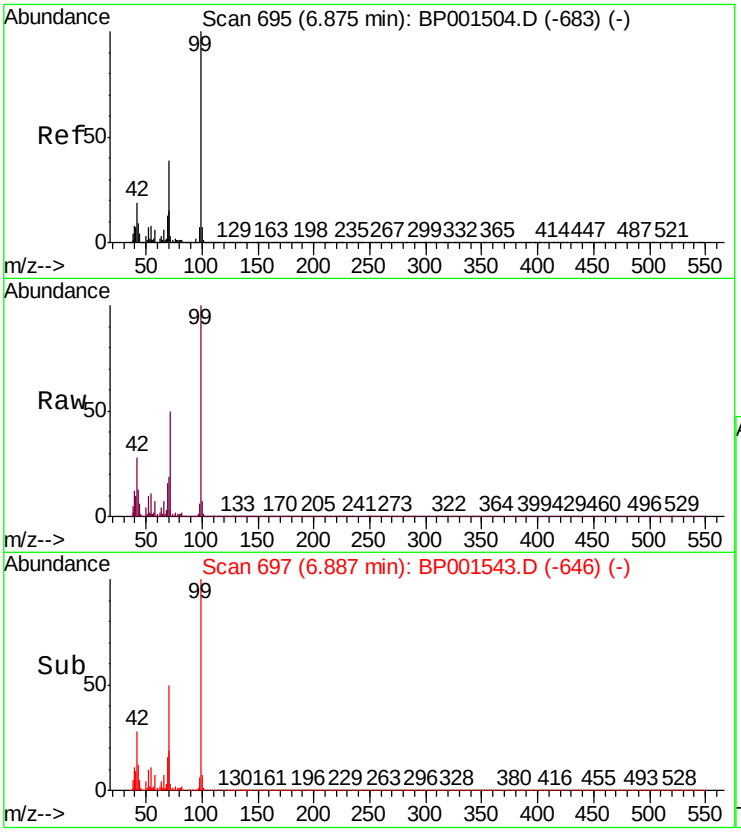


#5
2-Fluorophenol
Concen: 83.702 ng
RT: 5.32 min Scan# 430
Delta R.T. -0.00 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Tgt Ion:112 Resp: 283196

Ion	Ratio	Lower	Upper
112	100		
64	69.8	52.6	79.0
63	42.9	32.6	48.8



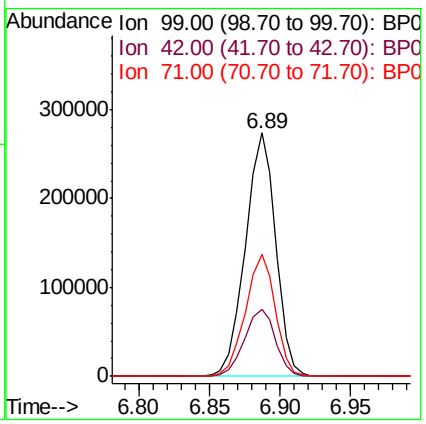


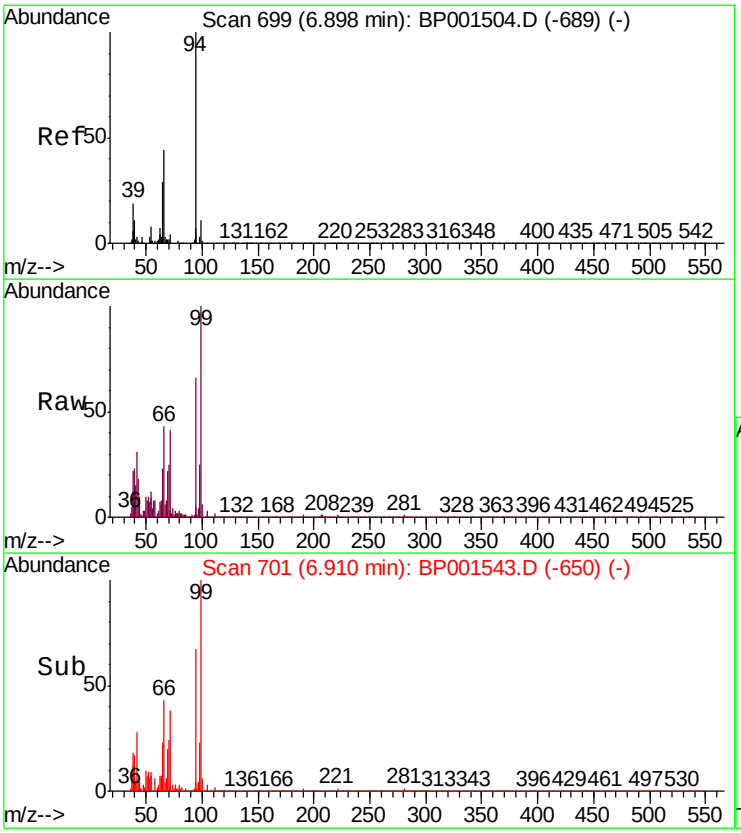
#7
Phenol-d6
Concen: 90.735 ng
RT: 6.89 min Scan# 697
Delta R.T. -0.00 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Instrument :
BNA_P
ClientSampleId :
GP-5C-(5-6)

Tgt Ion: 99 Resp: 413489

Ion	Ratio	Lower	Upper
99	100		
42	27.6	21.2	31.8
71	50.1	40.0	60.0

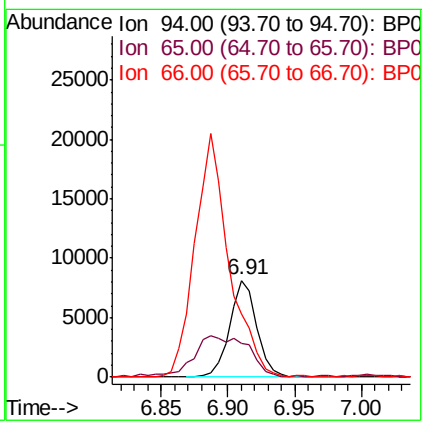


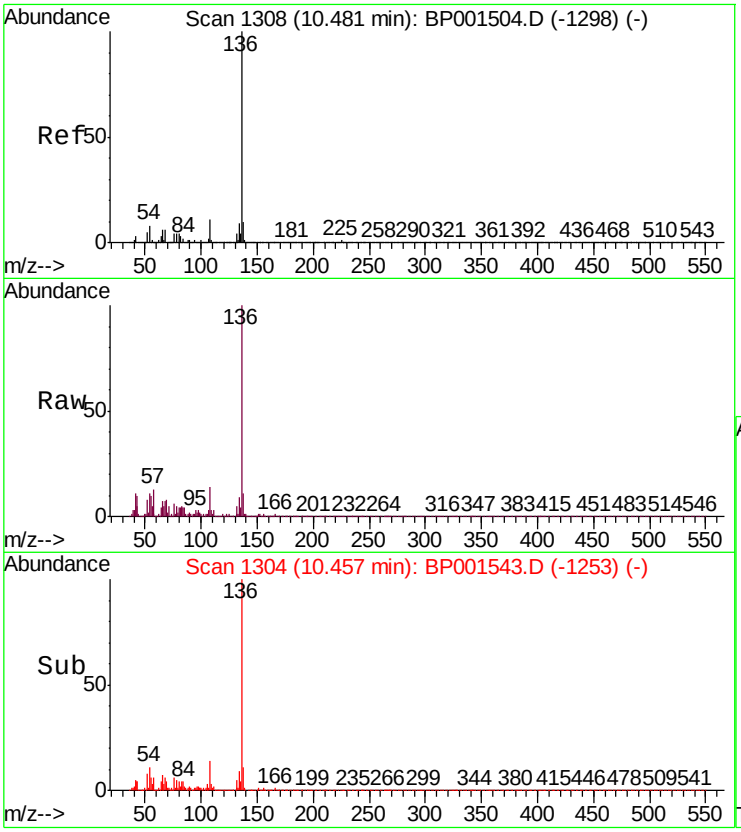


#10
Phenol
Concen: 2.386 ng
RT: 6.91 min Scan# 701
Delta R.T. -0.00 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Tgt Ion: 94 Resp: 11437

Ion	Ratio	Lower	Upper
94	100		
65	34.3	15.7	55.7
66	64.9	37.8	77.8



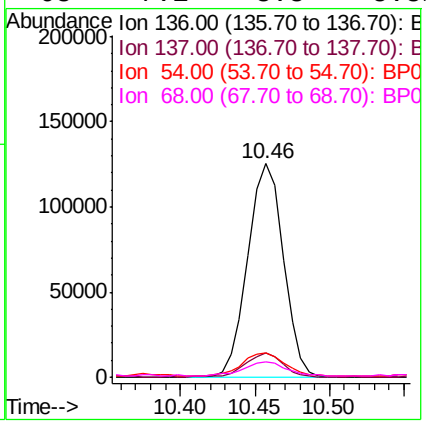


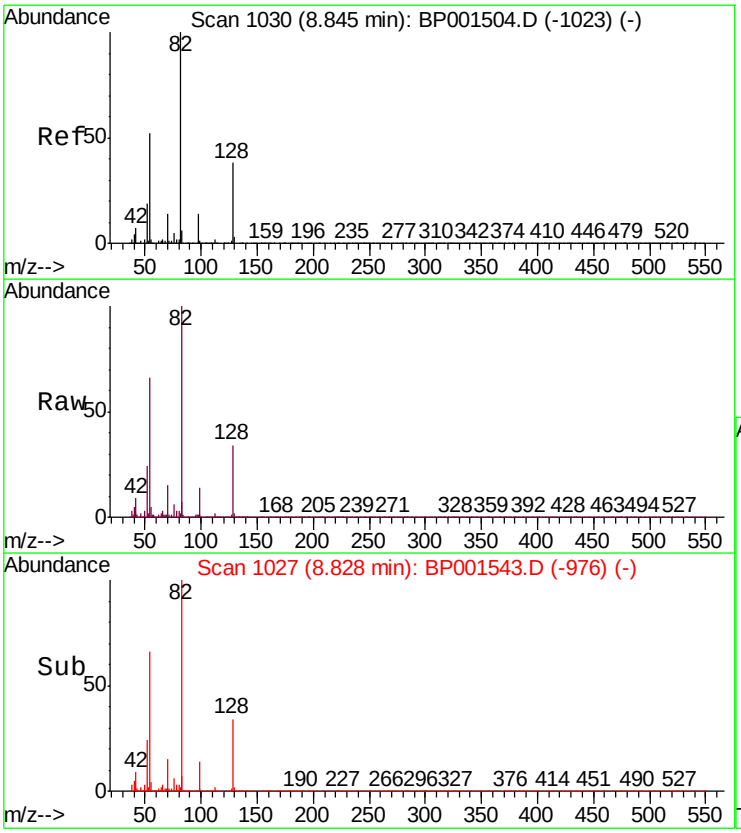
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Instrument :
BNA_P
ClientSampleId :
GP-5C-(5-6)

Tgt Ion:136 Resp: 207211

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	11.2	8.4	12.6
68	7.1	3.8	5.8#

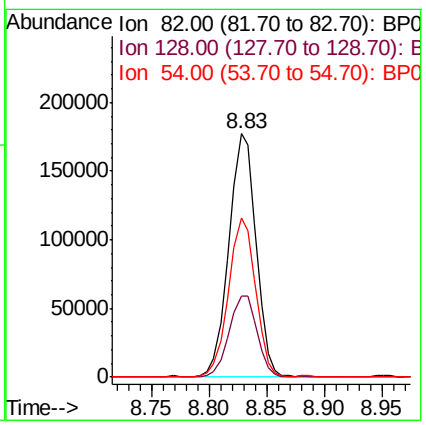


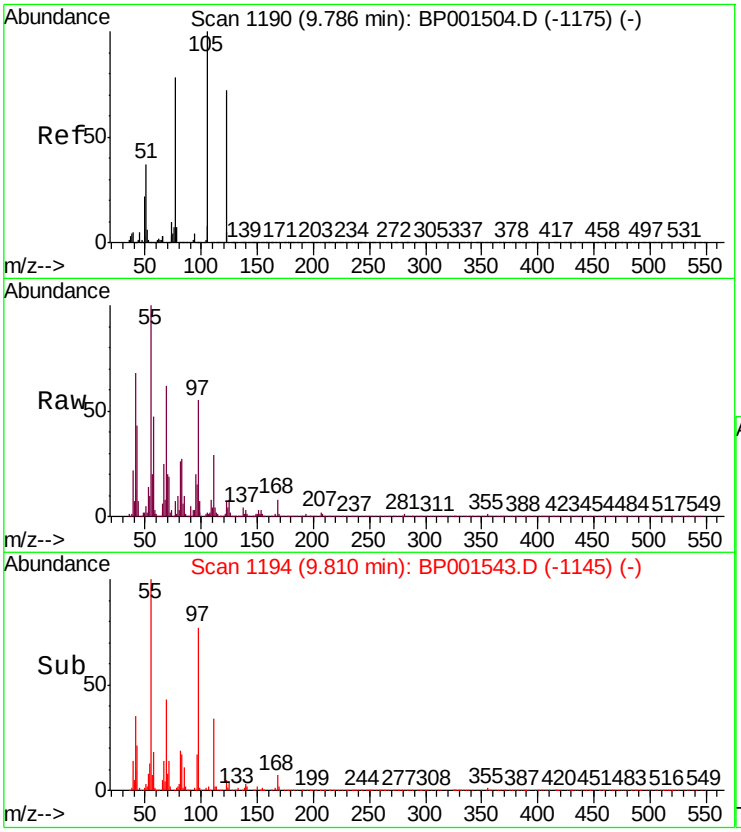


#23
Nitrobenzene-d5
Concen: 68.623 ng
RT: 8.83 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Tgt Ion: 82 Resp: 287890

Ion	Ratio	Lower	Upper
82	100		
128	33.5	26.9	40.3
54	65.5	51.8	77.8



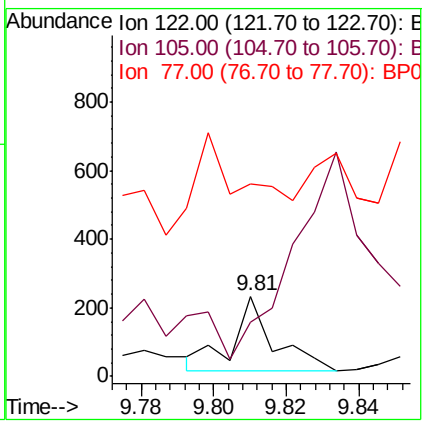


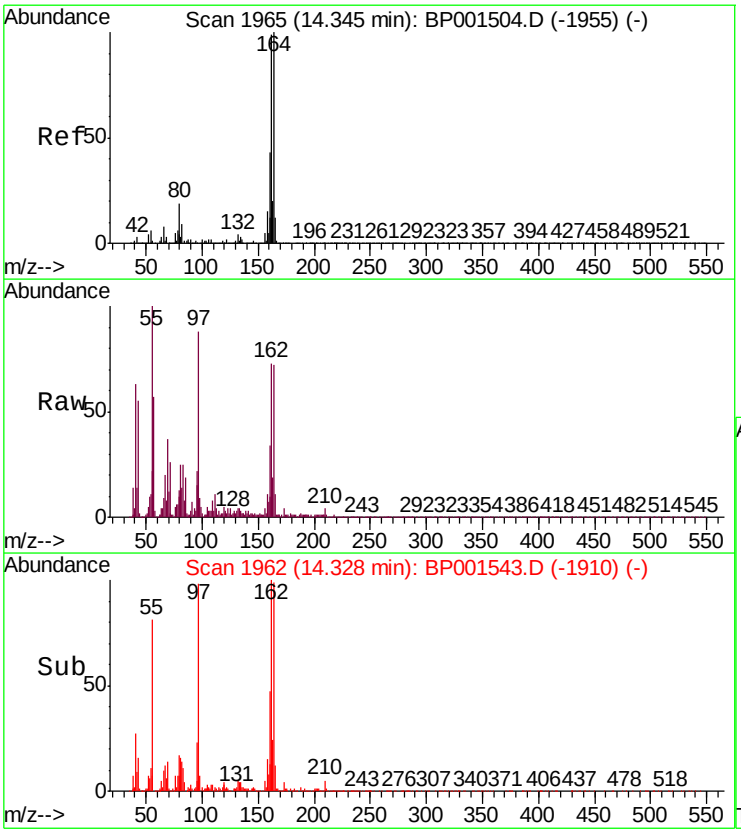
#32
Benzoic acid
Concen: 7.845 ng
RT: 9.81 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Instrument :
BNA_P
ClientSampleId :
GP-5C-(5-6)

Tgt Ion:122 Resp: 177

Ion	Ratio	Lower	Upper
122	100		
105	68.4	111.0	151.0#
77	239.3	96.4	136.4#

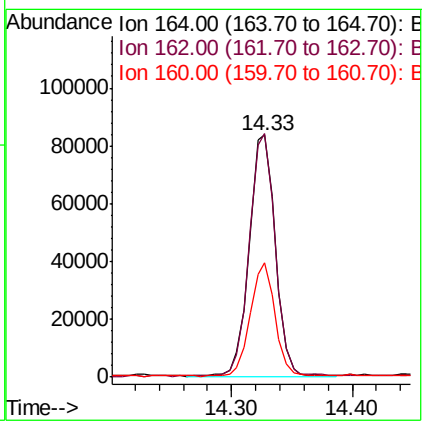


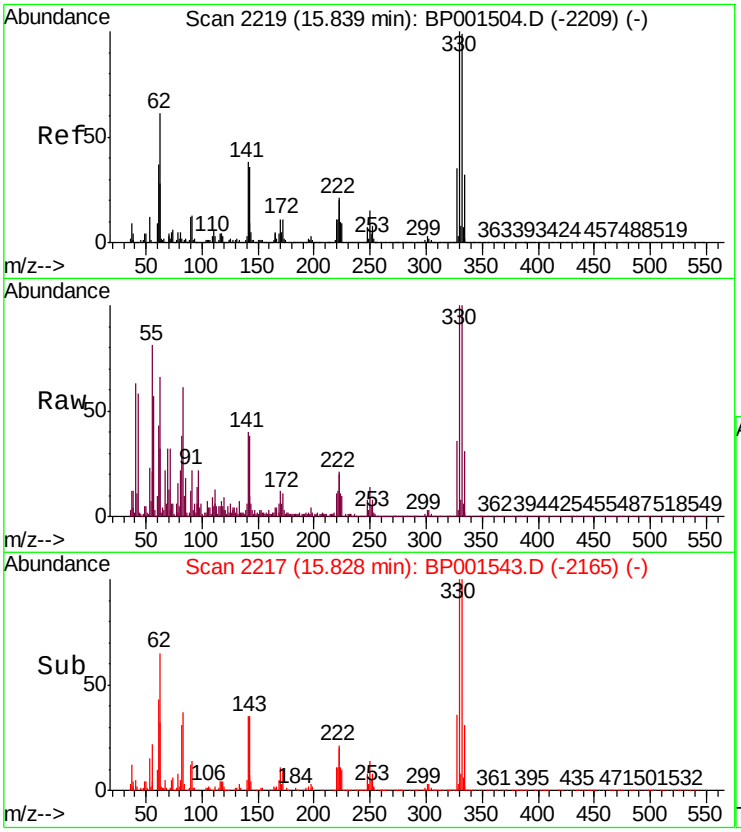


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1962
Delta R.T. 0.01 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Tgt Ion:164 Resp: 125432

Ion	Ratio	Lower	Upper
164	100		
162	100.5	79.0	118.4
160	47.3	34.1	51.1



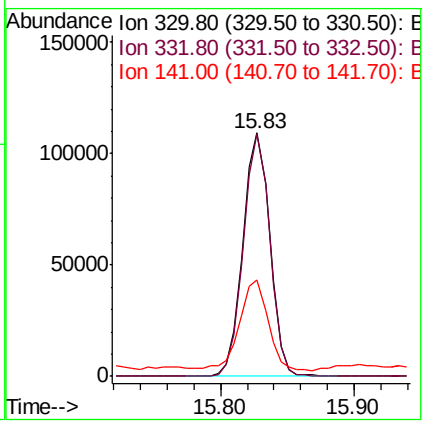


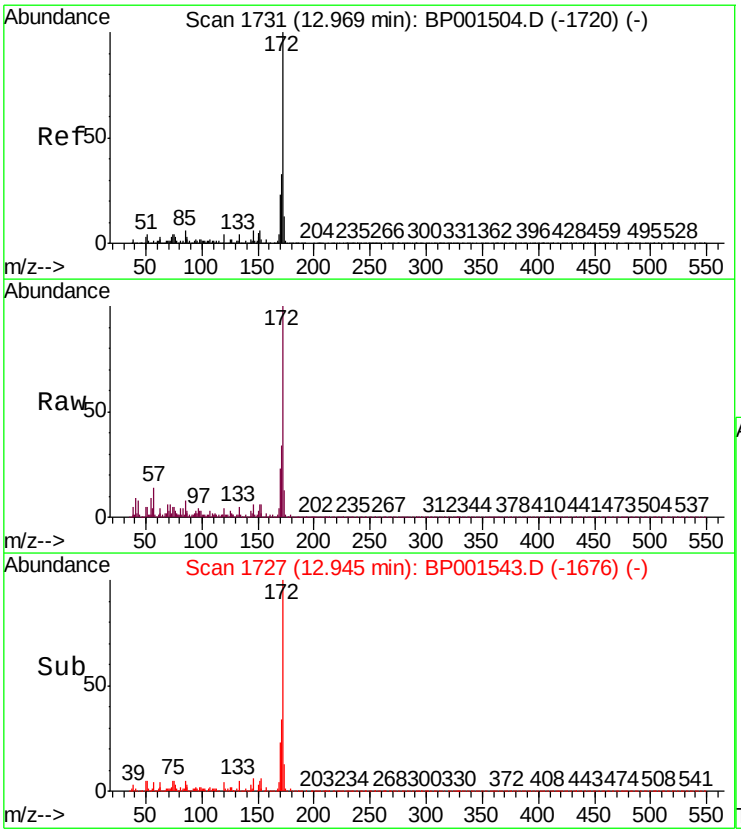
#42
2,4,6-Tribromophenol
Concen: 107.182 ng
RT: 15.83 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Instrument :
BNA_P
ClientSampleId :
GP-5C-(5-6)

Tgt Ion:330 Resp: 152156

Ion	Ratio	Lower	Upper
330	100		
332	97.7	78.0	117.0
141	40.0	28.7	43.1

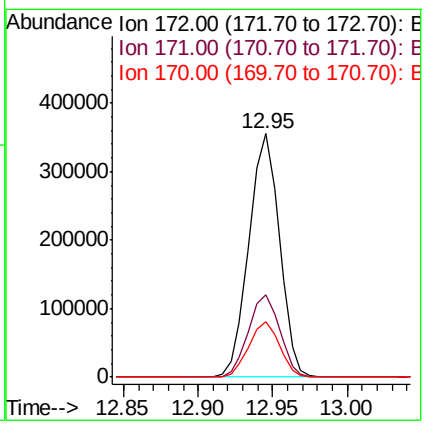


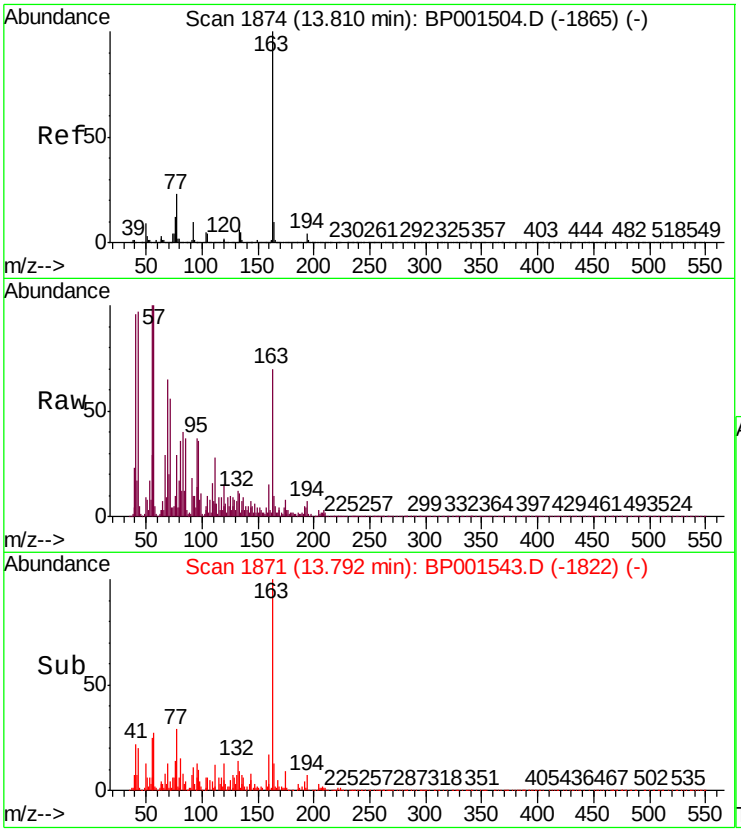


#45
2-Fluorobiphenyl
Concen: 58.910 ng
RT: 12.95 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Tgt Ion:172 Resp: 502536

Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.0	42.0
170	22.6	18.6	27.8



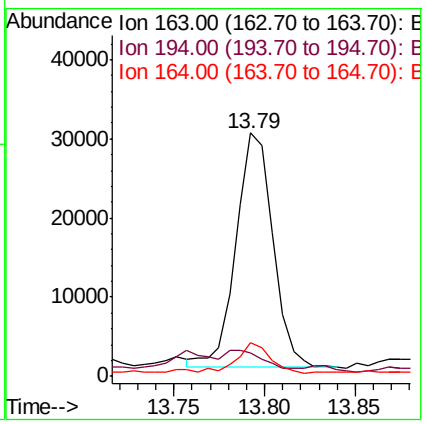


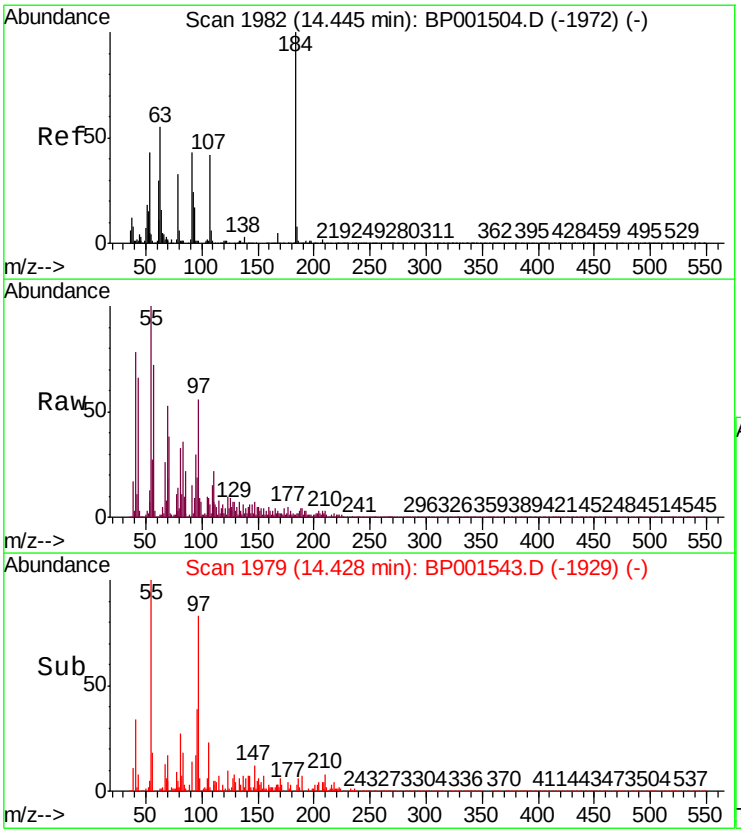
#50
Dimethylphthalate
Concen: 4.234 ng
RT: 13.79 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Instrument :
BNA_P
ClientSampleId :
GP-5C-(5-6)

Tgt Ion:163 Resp: 41515

Ion	Ratio	Lower	Upper
163	100		
194	9.9	3.5	5.3#
164	13.7	7.9	11.9#

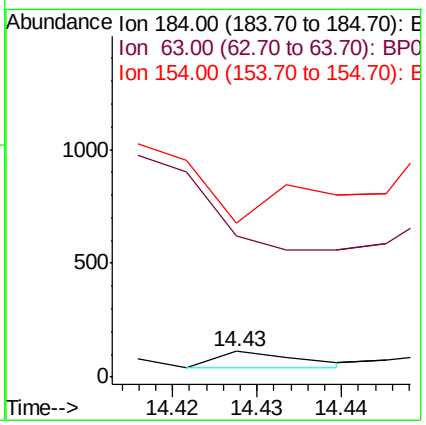


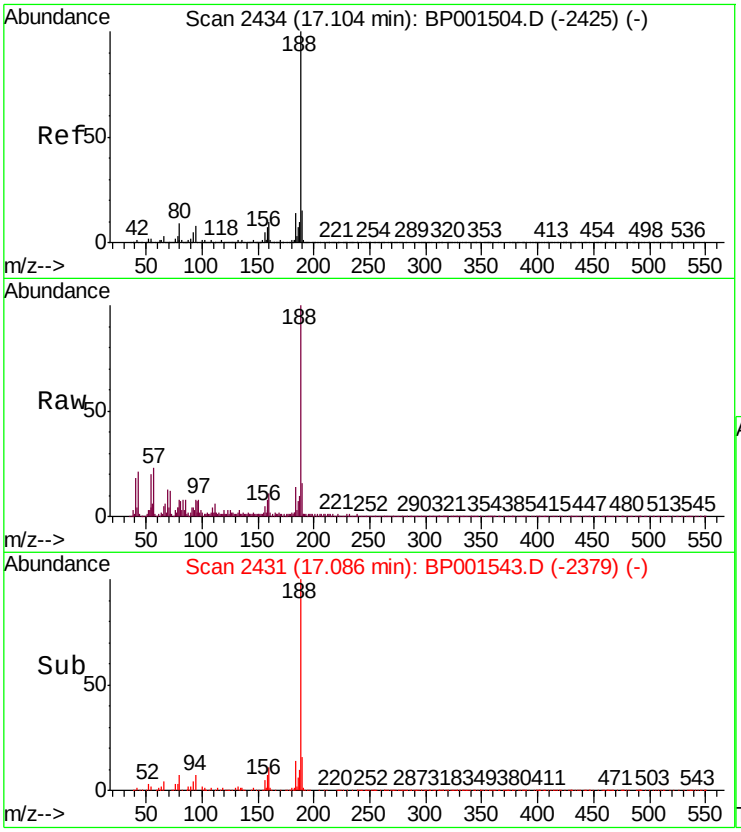


#54
2,4-Dinitrophenol
Concen: 6.509 ng
RT: 14.43 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Tgt Ion:184 Resp: 52

Ion	Ratio	Lower	Upper
184	100		
63	554.5	61.7	92.5#
154	605.4	58.9	88.3#



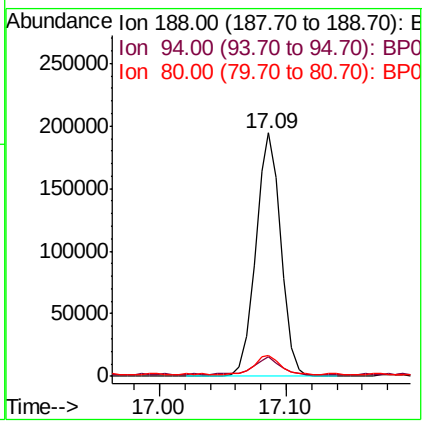


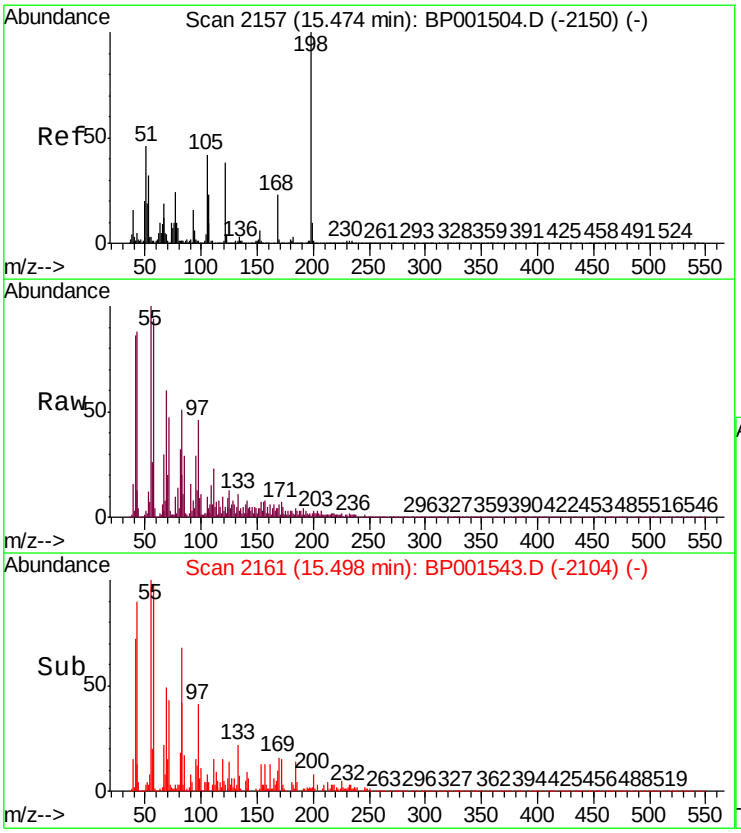
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2431
Delta R.T. 0.01 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Instrument :
BNA_P
ClientSampleId :
GP-5C-(5-6)

Tgt Ion:188 Resp: 267155

Ion	Ratio	Lower	Upper
188	100		
94	7.9	5.4	8.0
80	8.4	6.3	9.5

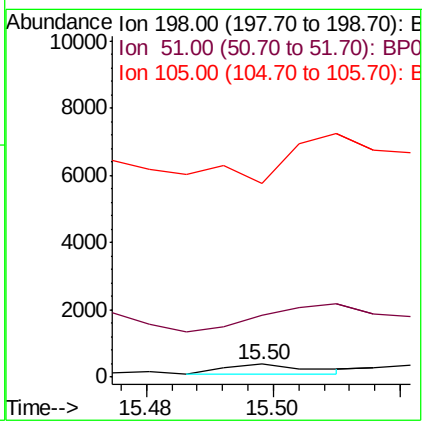


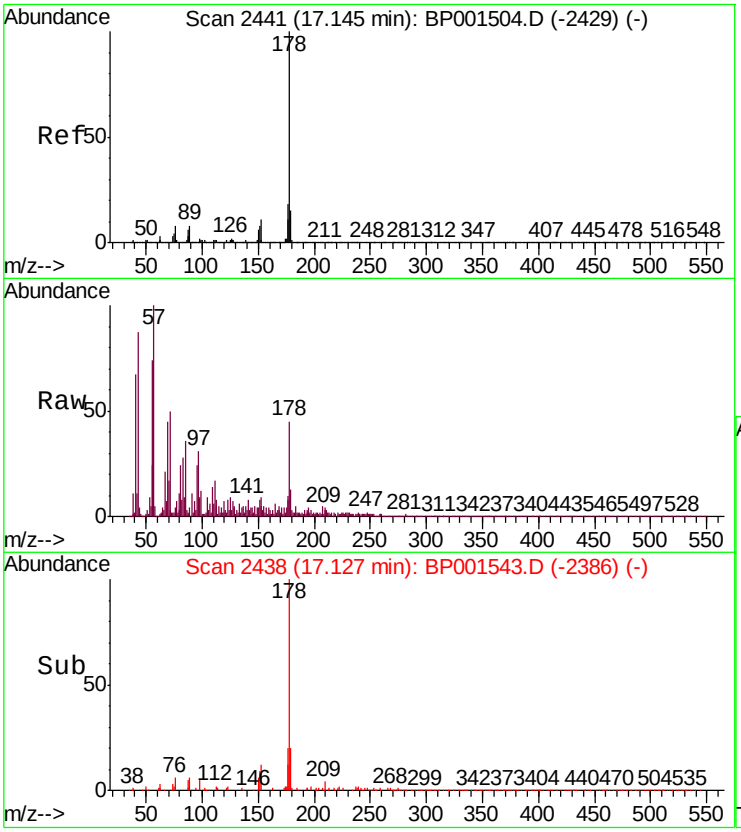


#65
4,6-Dinitro-2-methylphenol
Concen: 6.105 ng
RT: 15.50 min Scan# 2161
Delta R.T. 0.04 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Tgt Ion:198 Resp: 274

Ion	Ratio	Lower	Upper
198	100		
51	482.5	35.4	75.4#
105	1527.0	18.3	58.3#



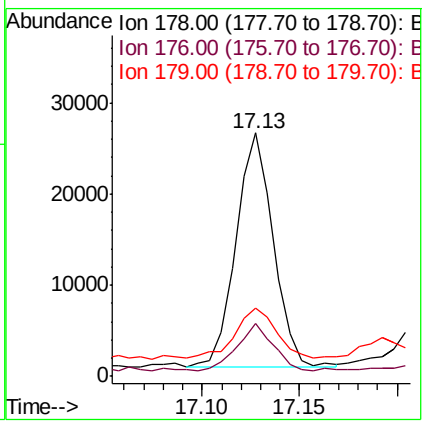


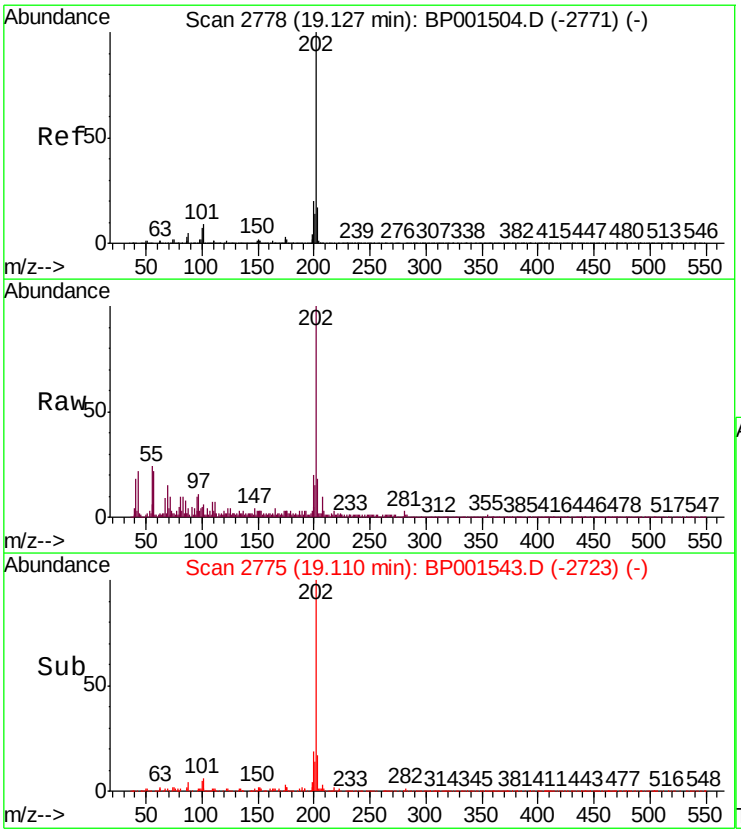
#71
Phenanthrene
Concen: 2.354 ng
RT: 17.13 min Scan# 2438
Delta R.T. 0.01 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Instrument :
BNA_P
ClientSampleId :
GP-5C-(5-6)

Tgt Ion:178 Resp: 34108

Ion	Ratio	Lower	Upper
178	100		
176	21.9	15.1	22.7
179	27.9	12.2	18.4#

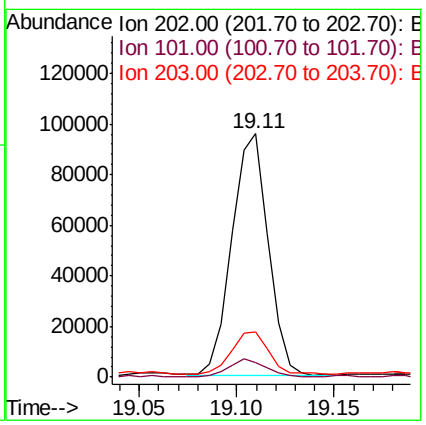


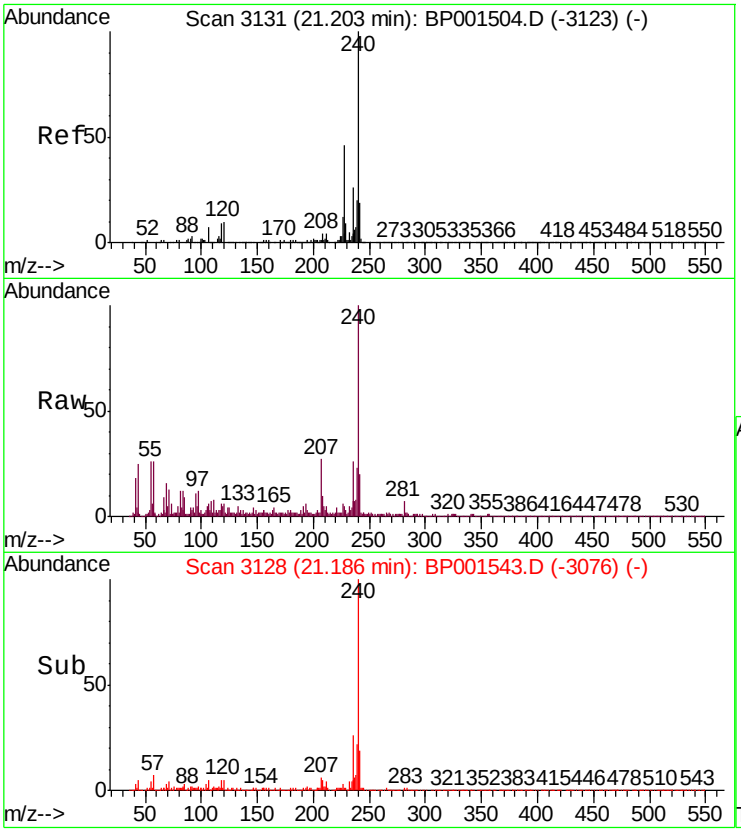


#75
Fluoranthene
Concen: 7.016 ng
RT: 19.11 min Scan# 2775
Delta R.T. 0.01 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Tgt Ion:202 Resp: 123067

Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	27.1
203	18.5	0.0	37.6



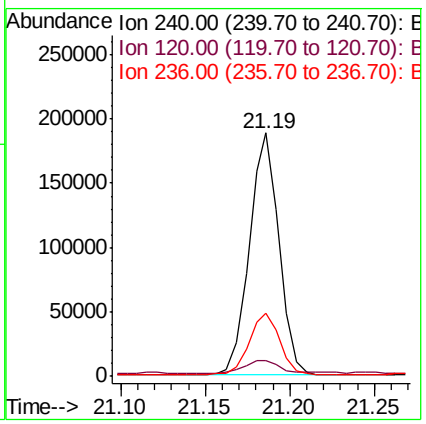


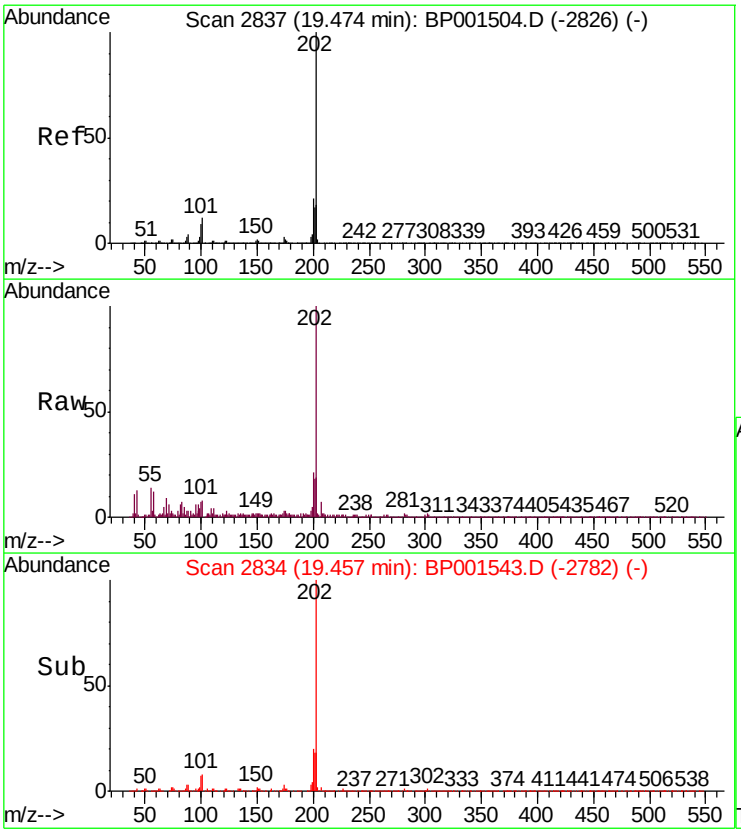
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3128
Delta R.T. 0.01 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Instrument :
BNA_P
ClientSampleId :
GP-5C-(5-6)

Tgt Ion:240 Resp: 226955

Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.2	7.8
236	26.0	21.4	32.2

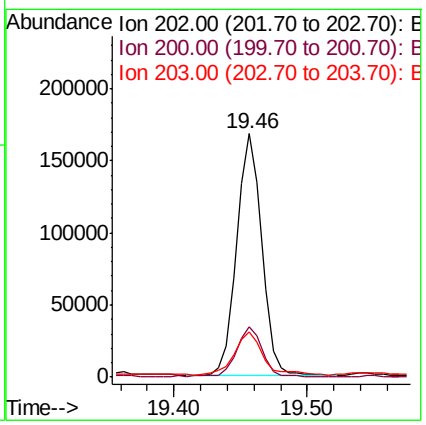


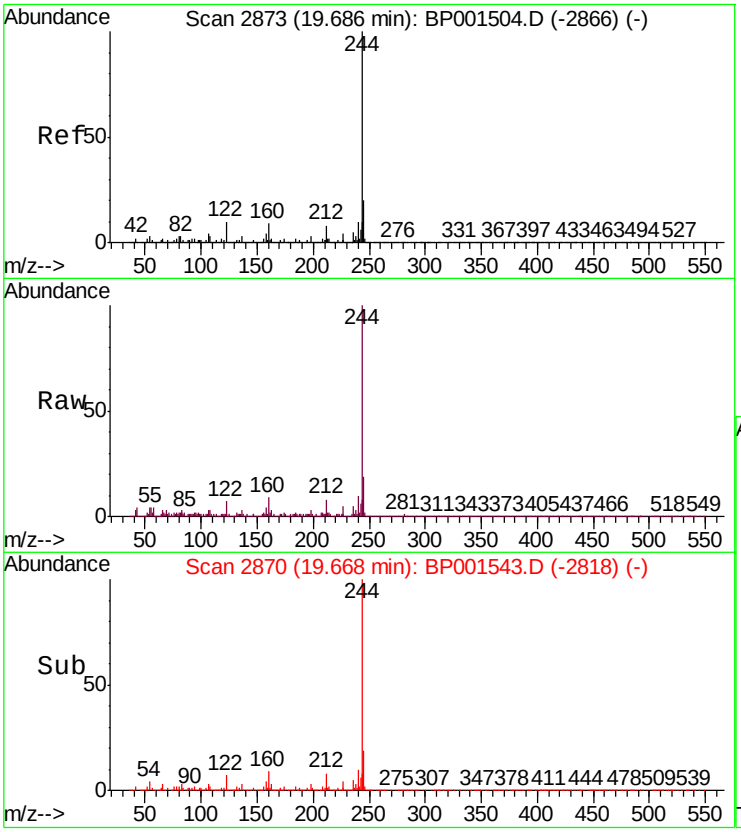


#78
Pyrene
Concen: 13.203 ng
RT: 19.46 min Scan# 2834
Delta R.T. 0.01 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Tgt Ion:202 Resp: 217447

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.2	24.4
203	18.8	13.6	20.4



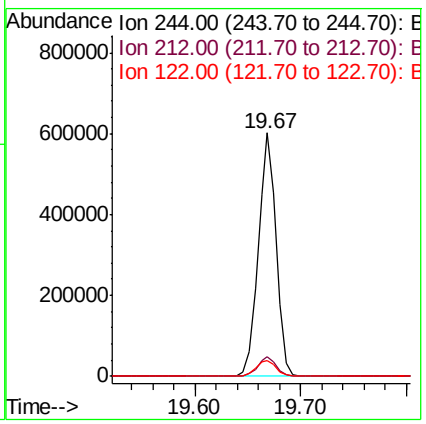


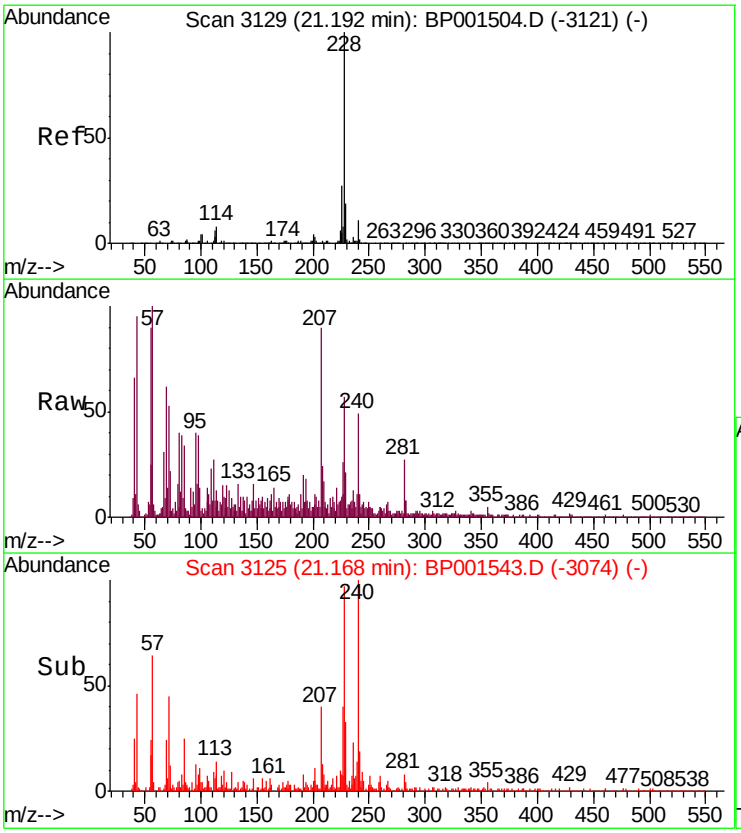
#79
Terphenyl-d14
Concen: 62.250 ng
RT: 19.67 min Scan# 2870
Delta R.T. 0.01 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Instrument :
BNA_P
ClientSampleId :
GP-5C-(5-6)

Tgt Ion:244 Resp: 708927

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.7	10.1
122	6.7	6.0	9.0

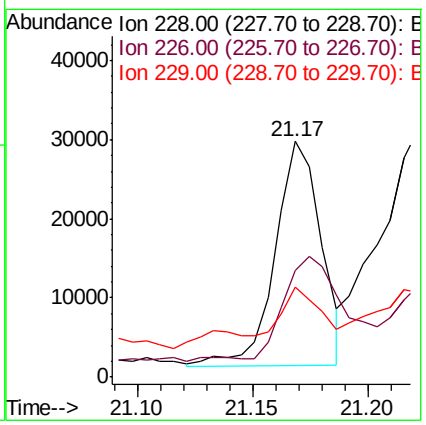


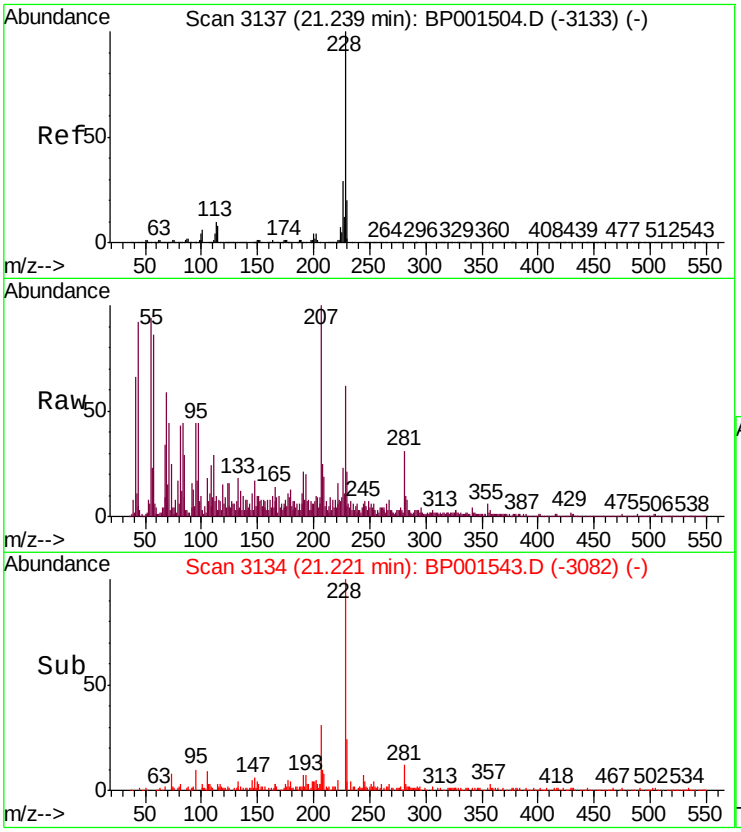


#81
Benzo(a)anthracene
Concen: 2.460 ng
RT: 21.17 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Tgt Ion:228 Resp: 39182

Ion	Ratio	Lower	Upper
228	100		
226	45.2	21.4	32.2#
229	38.0	15.5	23.3#



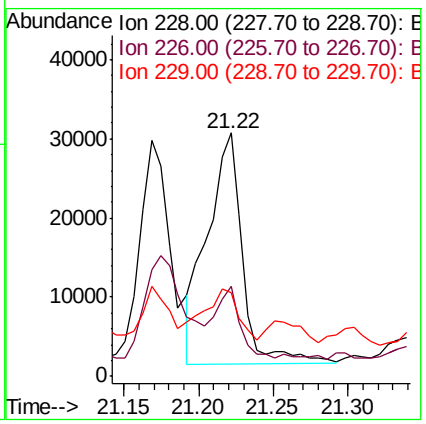


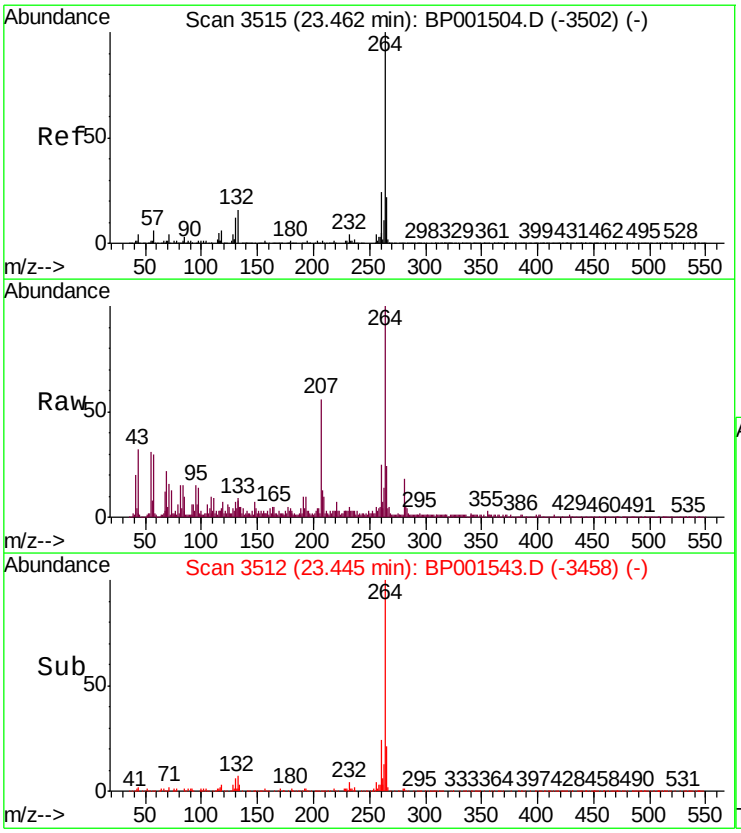
#83
Chrysene
Concen: 3.149 ng
RT: 21.22 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Instrument :
BNA_P
ClientSampleId :
GP-5C-(5-6)

Tgt Ion:228 Resp: 48085

Ion	Ratio	Lower	Upper
228	100		
226	36.9	23.1	34.7#
229	34.4	15.6	23.4#

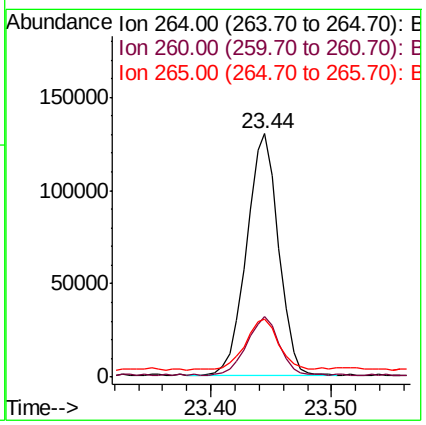


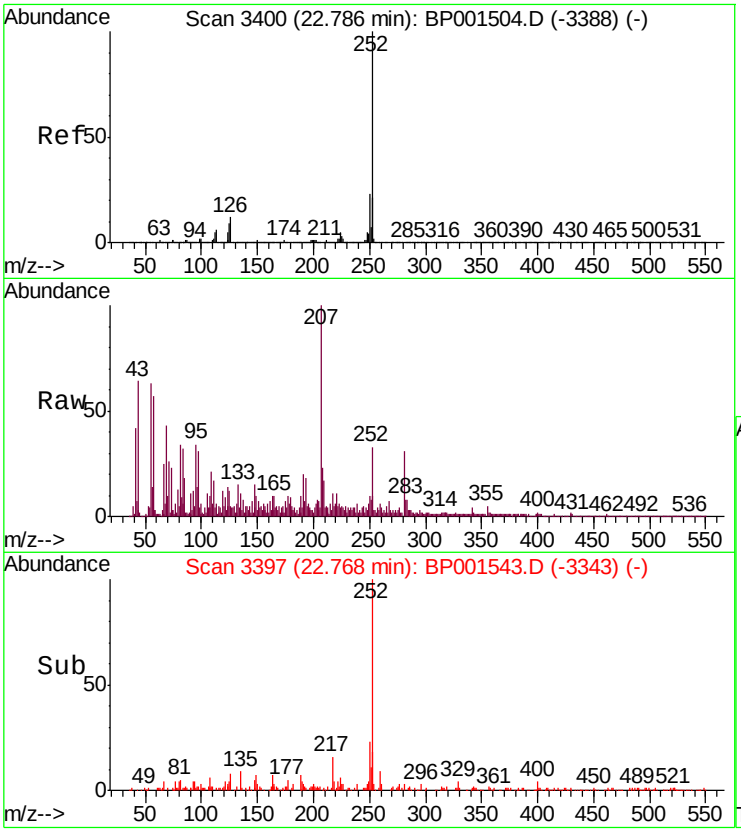


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.44 min Scan# 3512
Delta R.T. 0.02 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Tgt Ion:264 Resp: 238709

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	27.8
265	23.6	19.0	28.4



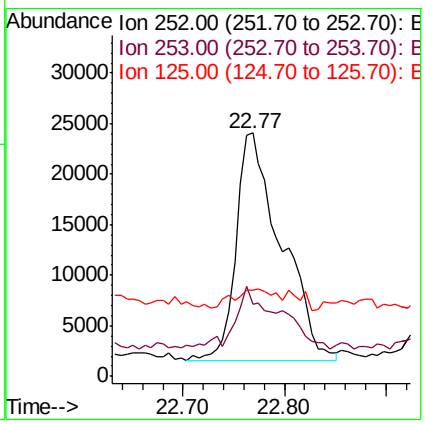


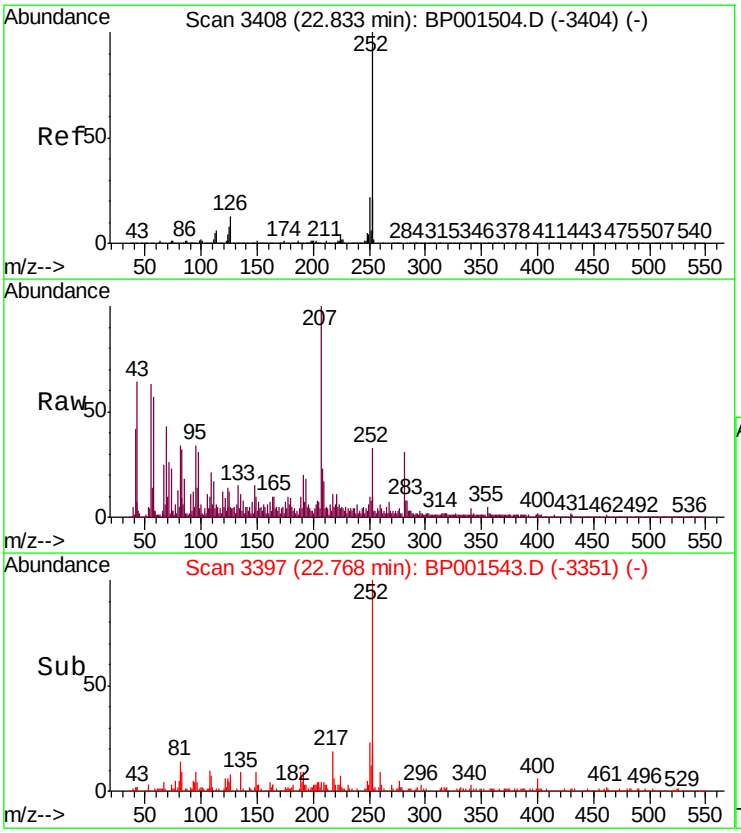
#88
Benzo(b)fluoranthene
Concen: 4.727 ng
RT: 22.77 min Scan# 3397
Delta R.T. 0.02 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Instrument :
BNA_P
ClientSampleId :
GP-5C-(5-6)

Tgt Ion:252 Resp: 69860

Ion	Ratio	Lower	Upper
252	100		
253	29.5	16.7	25.1#
125	35.6	4.2	6.2#

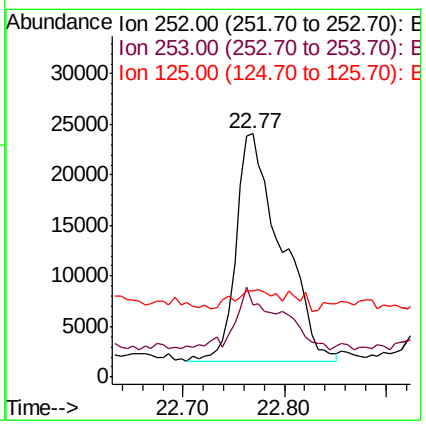


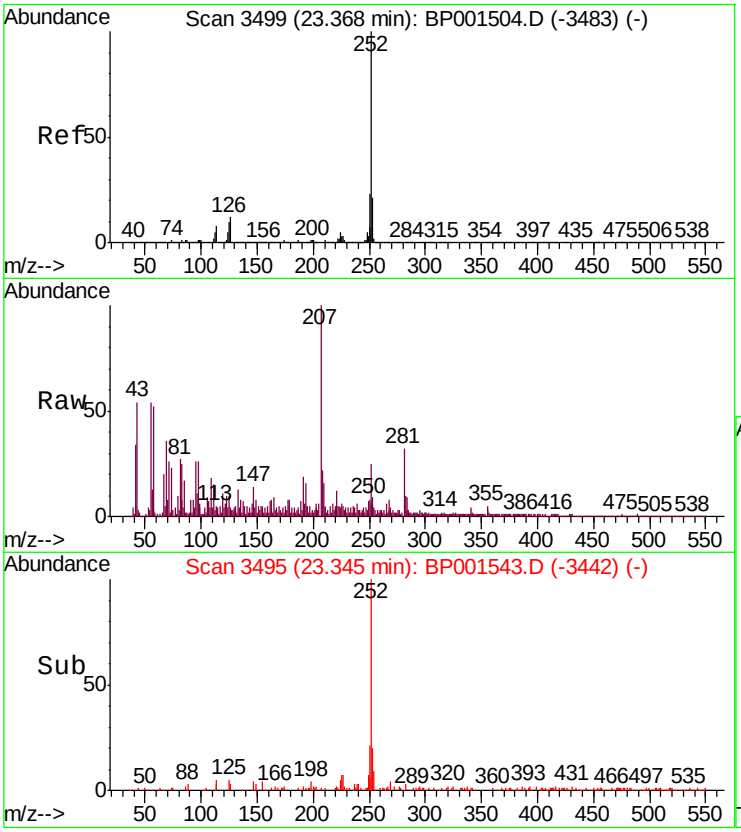


#89
Benzo(k)fluoranthene
Concen: 4.934 ng
RT: 22.77 min Scan# 3397
Delta R.T. -0.03 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Tgt Ion:252 Resp: 69860

Ion	Ratio	Lower	Upper
252	100		
253	29.5	17.3	25.9#
125	35.6	4.8	7.2#



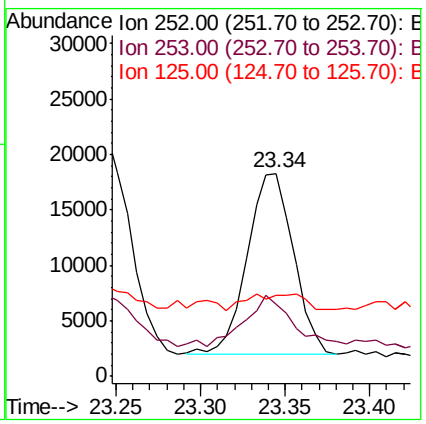


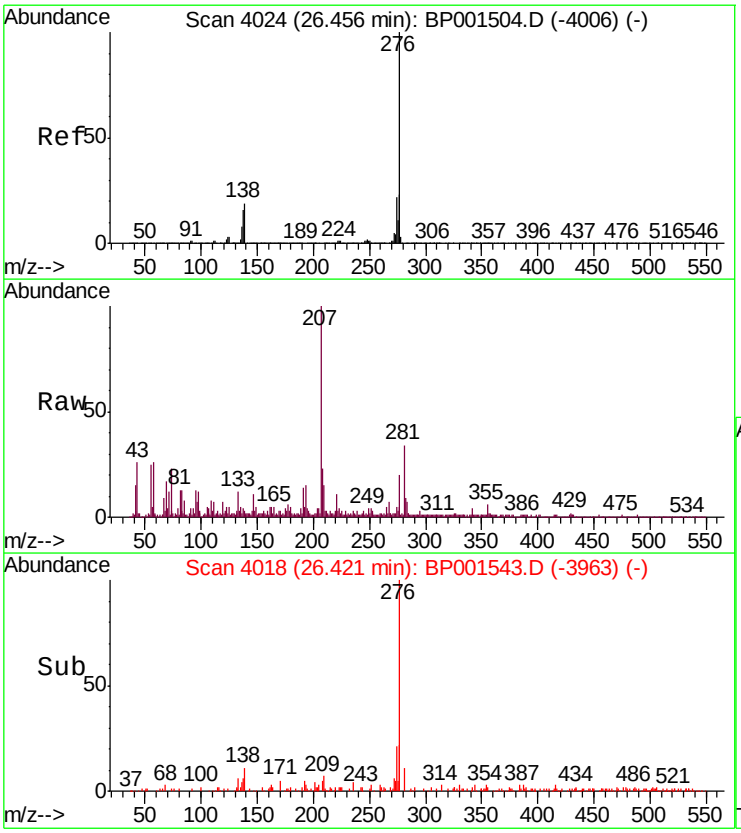
#90
Benzo(a)pyrene
Concen: 2.255 ng
RT: 23.34 min Scan# 3495
Delta R.T. 0.01 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Instrument :
BNA_P
ClientSampleId :
GP-5C-(5-6)

Tgt Ion:252 Resp: 31193

Ion	Ratio	Lower	Upper
252	100		
253	35.6	17.8	26.8#
125	39.8	4.6	6.8#





#92
Benzo(g,h,i)perylene
Concen: 2.882 ng
RT: 26.42 min Scan# 4018
Delta R.T. 0.02 min
Lab File: BP001543.D
Acq: 06 Jan 2020 22:42

Tgt Ion:276 Resp: 39522

Ion	Ratio	Lower	Upper
276	100		
277	27.4	18.9	28.3
138	16.3	10.1	15.1#