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

Quantitation Report (Not Reviewed)

Data File : BP001544.D
Acq On : 06 Jan 2020 23:16
Operator : JU
Sample : L1008-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CL-02-010220

Quant Time: Jan 07 02:59:18 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	60087	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	210734	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	128872	20.00	ng		0.00
64) Phenanthrene-d10	17.08	188	270863	20.00	ng		0.00
76) Chrysene-d12	21.19	240	224922	20.00	ng		0.00
87) Perylene-d12	23.43	264	233910	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	125110	34.98	ng		0.00
7) Phenol-d6	6.88	99	177311	36.81	ng		0.00
23) Nitrobenzene-d5	8.83	82	116704	27.35	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	61696	42.30	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	228297	26.05	ng		0.00
79) Terphenyl-d14	19.66	244	306520	27.16	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.83	77	196	Below Cal		#	62
32) Benzoic acid	9.85	122	84	7.804	ng	#	24
49) Acenaphthylene	14.04	152	26605	2.193	ng		97
54) 2,4-Dinitrophenol	14.45	184	24	6.476	ng	#	1
65) 4,6-Dinitro-2-methylphenol	15.49	198	83	5.940	ng	#	1
71) Phenanthrene	17.12	178	152826	10.403	ng		100
72) Anthracene	17.22	178	77317	5.310	ng		97
75) Fluoranthene	19.10	202	353814	19.895	ng		99
78) Pyrene	19.46	202	487931	29.895	ng		99
81) Benzo(a)anthracene	21.17	228	221478	14.034	ng		95
83) Chrysene	21.17	228	221478	14.636	ng		97
86) Indeno(1,2,3-cd)pyrene	25.72	276	104510	5.675	ng		96
88) Benzo(b)fluoranthene	22.76	252	213589	14.747	ng	#	90
89) Benzo(k)fluoranthene	22.76	252	213589	15.396	ng	#	92
90) Benzo(a)pyrene	23.33	252	189456	13.974	ng		97
91) Dibenzo(a,h)anthracene	25.73	278	32208	2.390	ng	#	75
92) Benzo(g,h,i)perylene	26.42	276	106358	7.914	ng		95

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

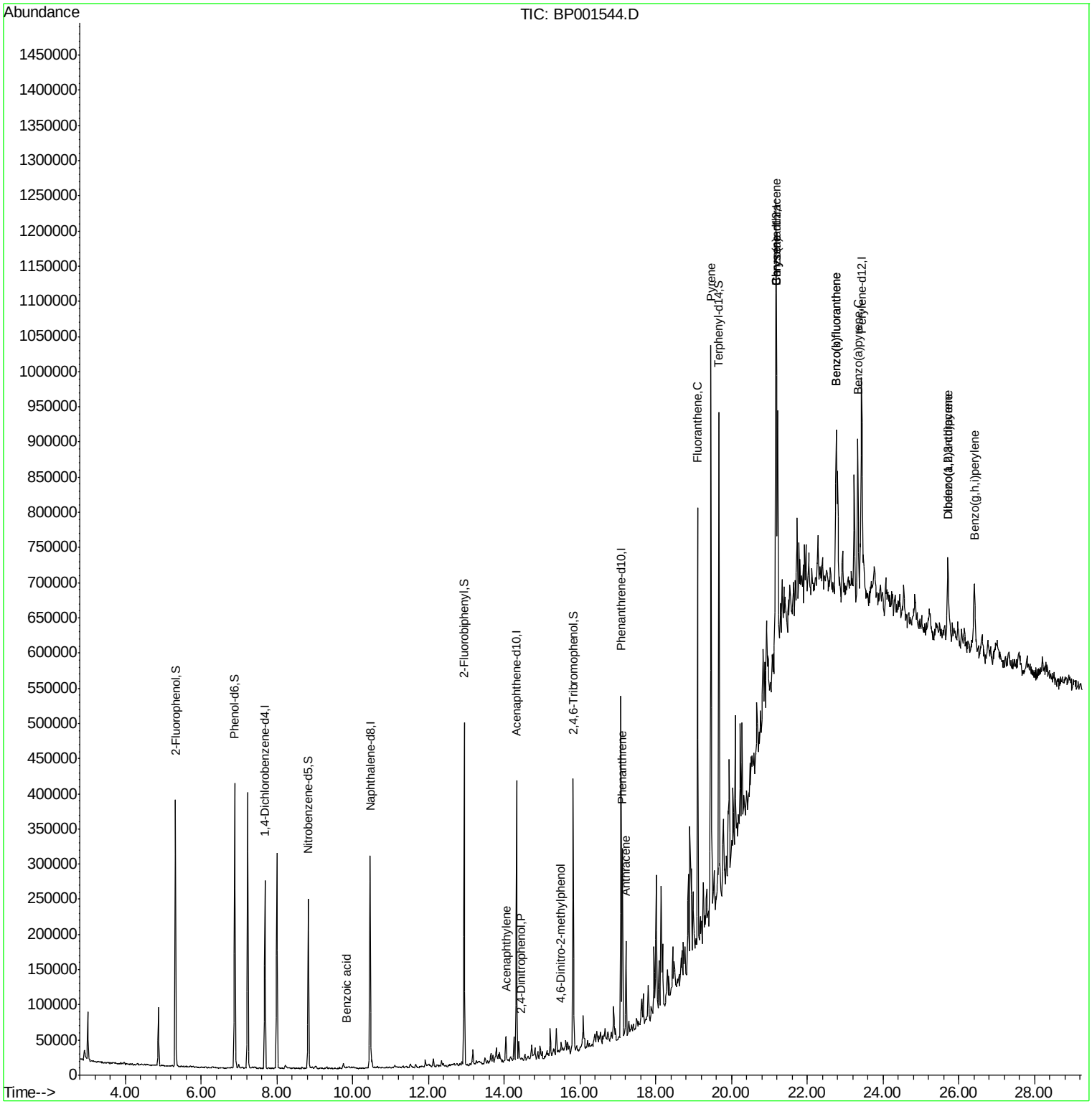
Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP010620\

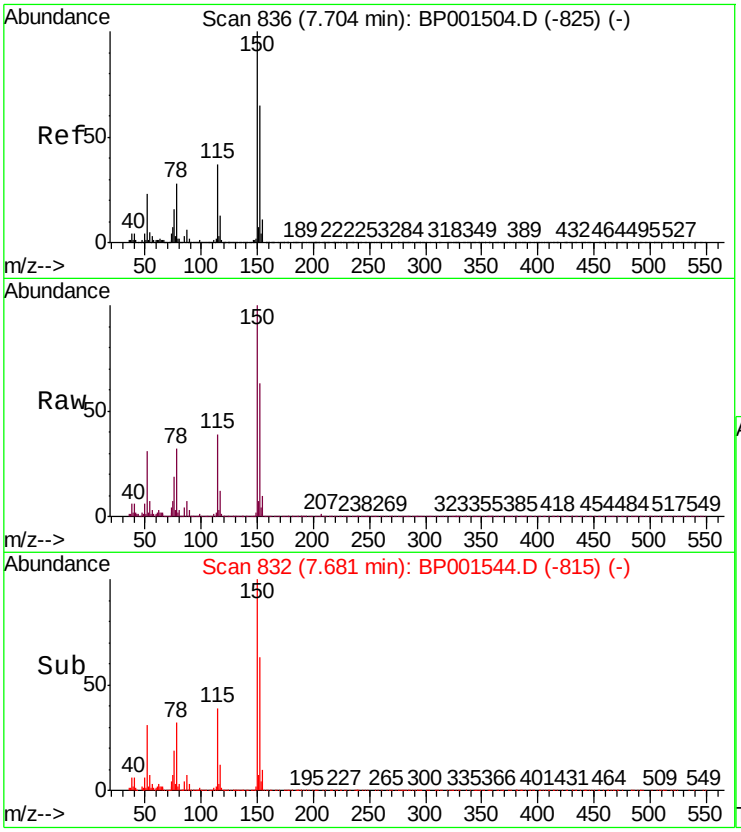
Quantitation Report (Not Reviewed)

Data File : BP001544.D
Acq On : 06 Jan 2020 23:16
Operator : JU
Sample : L1008-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-010220

Quant Time: Jan 07 02:59:18 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



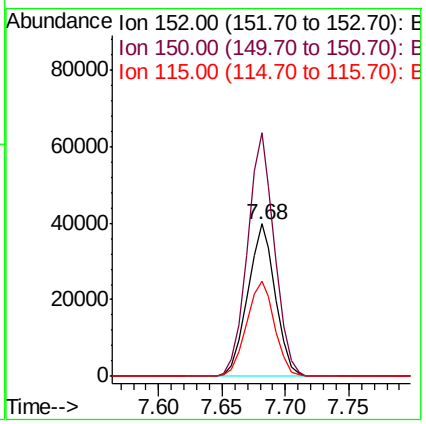


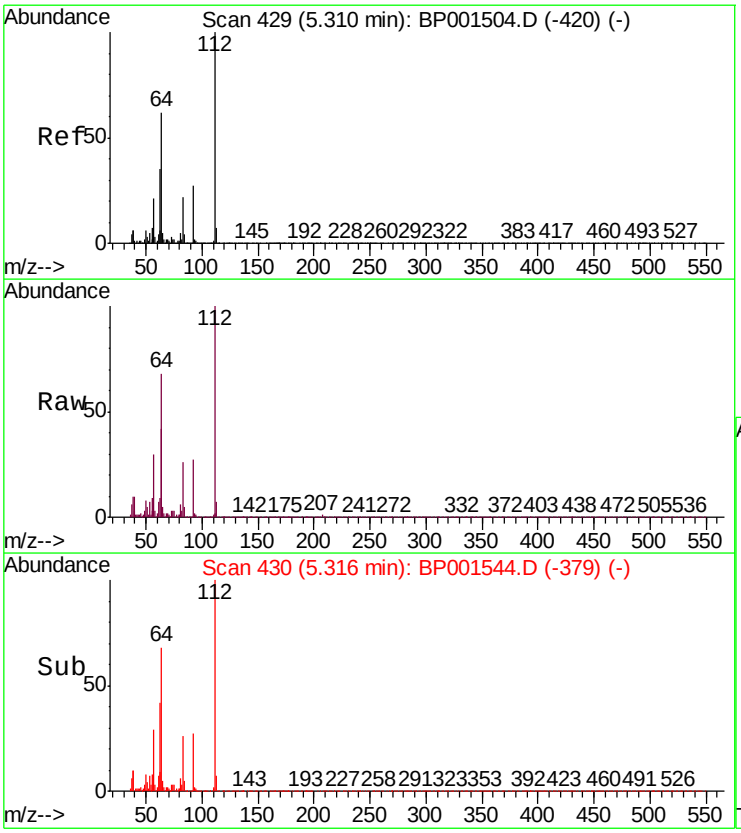
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 832
Delta R.T. -0.00 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Instrument :
BNA_P
ClientSampleId :
CL-02-010220

Tgt Ion:152 Resp: 60087

Ion	Ratio	Lower	Upper
152	100		
150	159.9	117.9	176.9
115	62.1	50.3	75.5

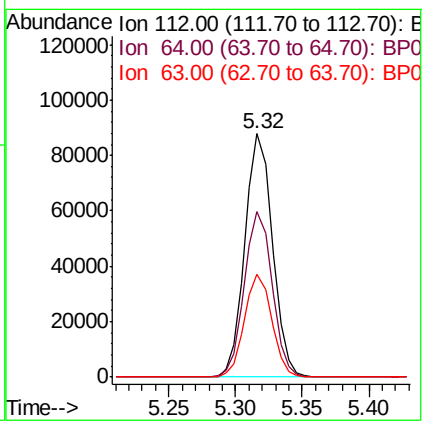


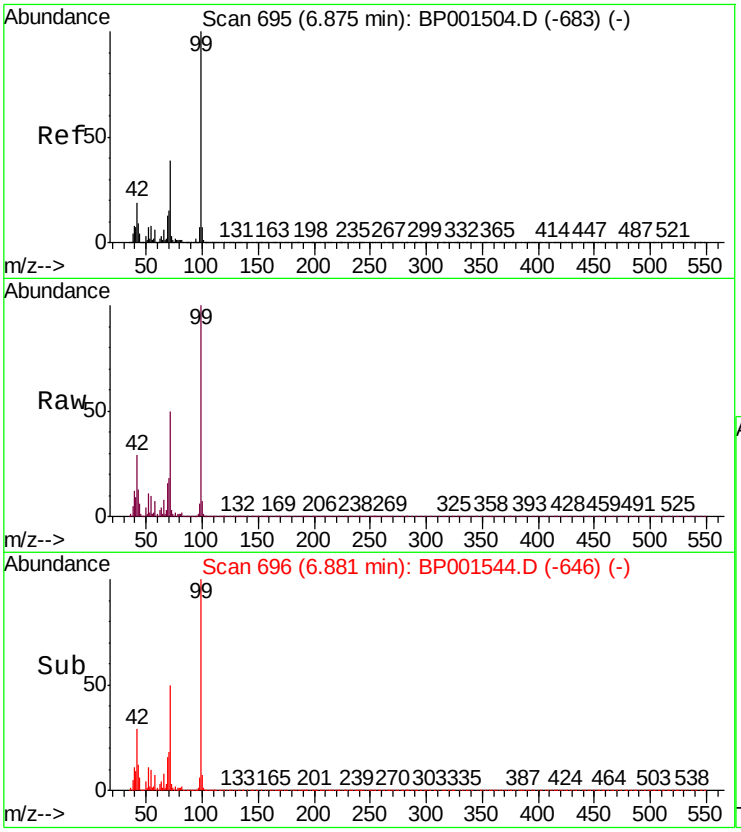


#5
2-Fluorophenol
Concen: 34.980 ng
RT: 5.32 min Scan# 430
Delta R.T. -0.00 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Tgt Ion:112 Resp: 125110

Ion	Ratio	Lower	Upper
112	100		
64	68.1	52.6	79.0
63	42.4	32.6	48.8



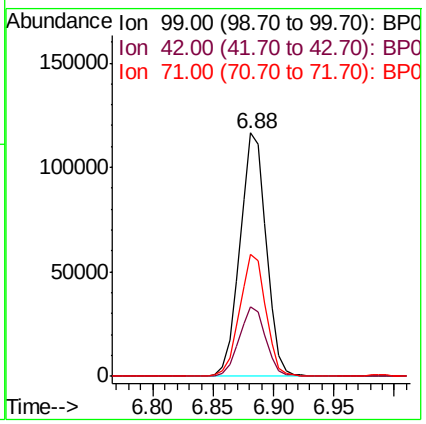


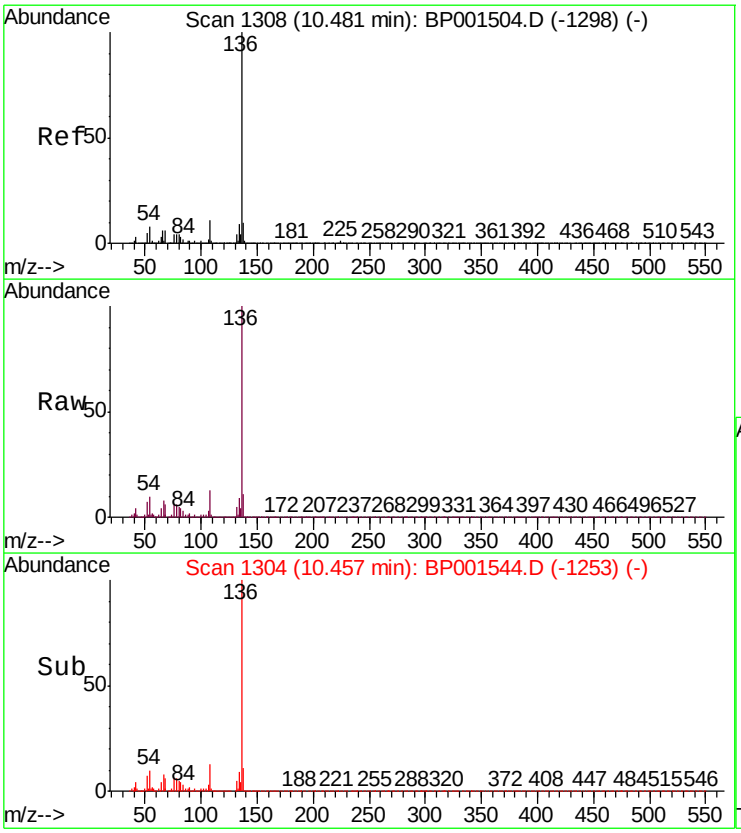
#7
Phenol-d6
Concen: 36.807 ng
RT: 6.88 min Scan# 696
Delta R.T. -0.01 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Instrument :
BNA_P
ClientSampleId :
CL-02-010220

Tgt Ion: 99 Resp: 177311

Ion	Ratio	Lower	Upper
99	100		
42	28.7	21.2	31.8
71	50.4	40.0	60.0

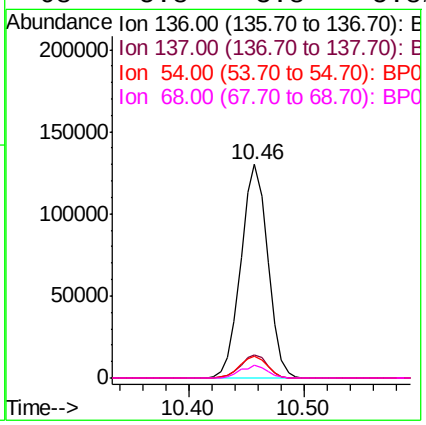


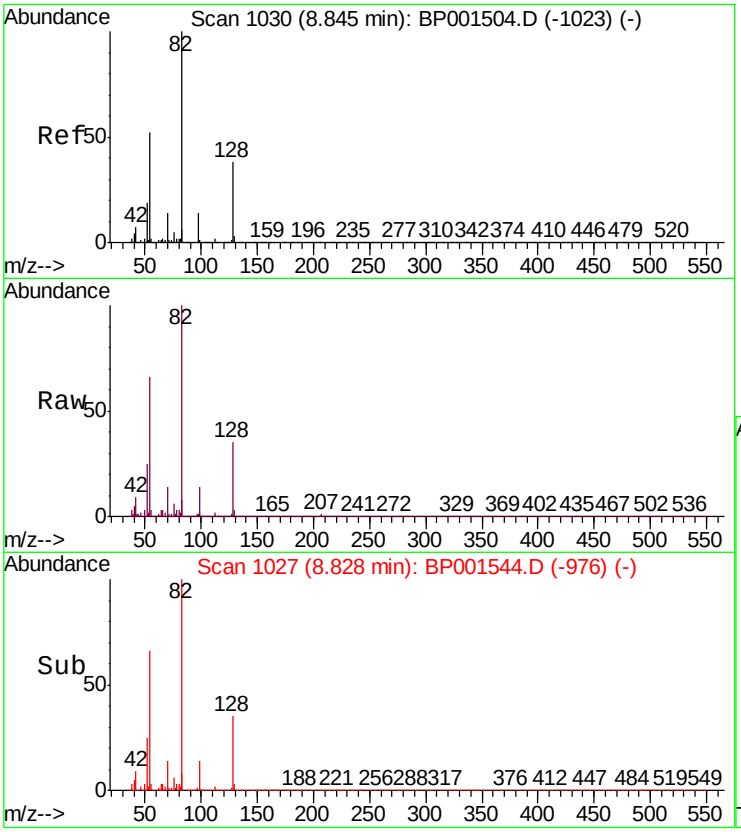


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Tgt Ion:136 Resp: 210734

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	10.3	8.4	12.6
68	5.8	3.8	5.8#



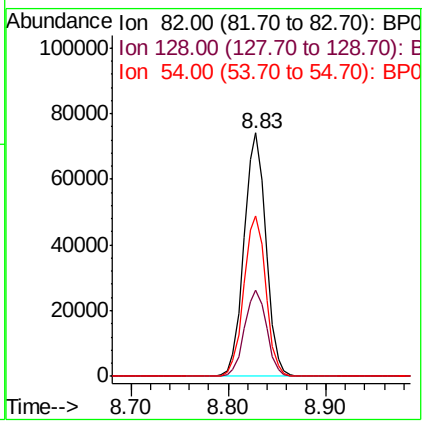


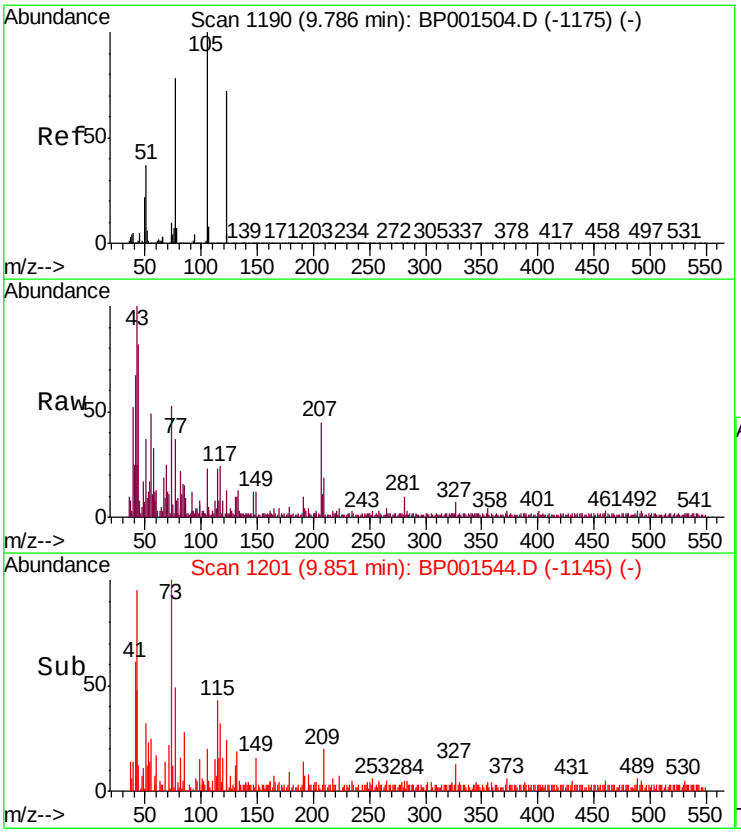
#23
Nitrobenzene-d5
Concen: 27.353 ng
RT: 8.83 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Instrument :
BNA_P
ClientSampleId :
CL-02-010220

Tgt Ion: 82 Resp: 116704

Ion	Ratio	Lower	Upper
82	100		
128	35.4	26.9	40.3
54	65.7	51.8	77.8

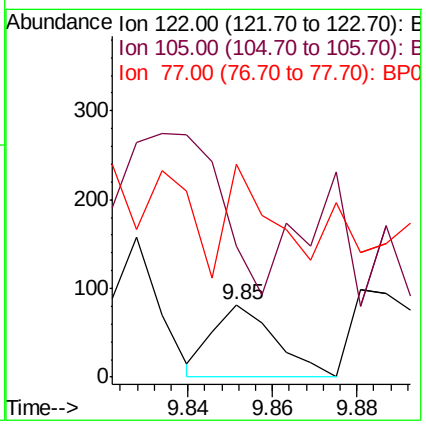


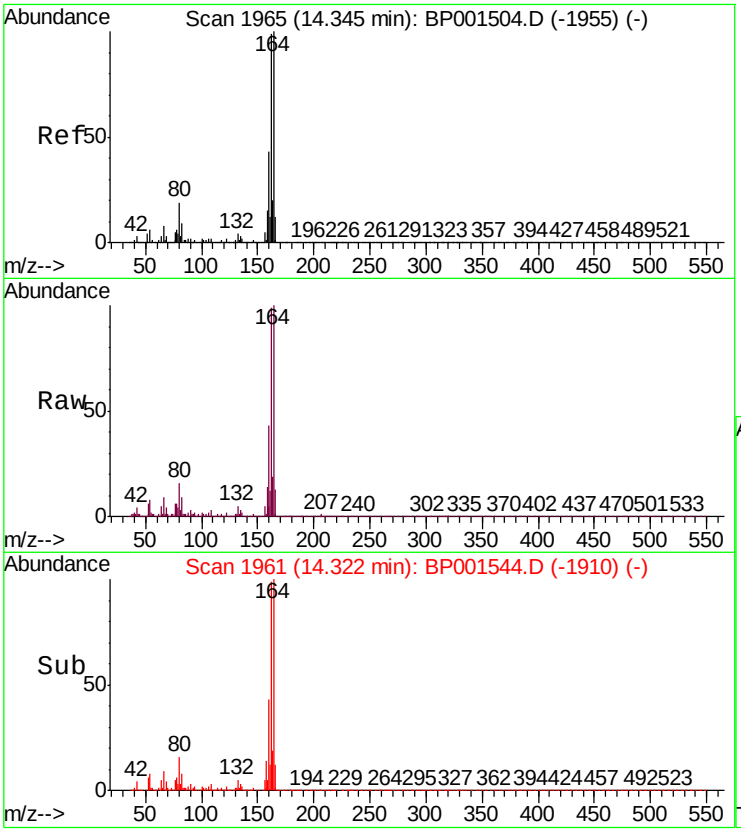


#32
Benzoic acid
Concen: 7.804 ng
RT: 9.85 min Scan# 1201
Delta R.T. 0.03 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Tgt Ion:122 Resp: 84

Ion	Ratio	Lower	Upper
122	100		
105	160.9	111.0	151.0#
77	260.9	96.4	136.4#



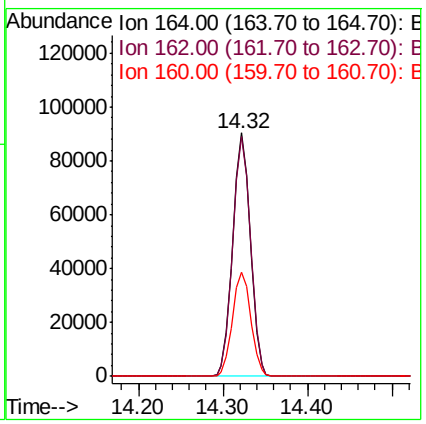


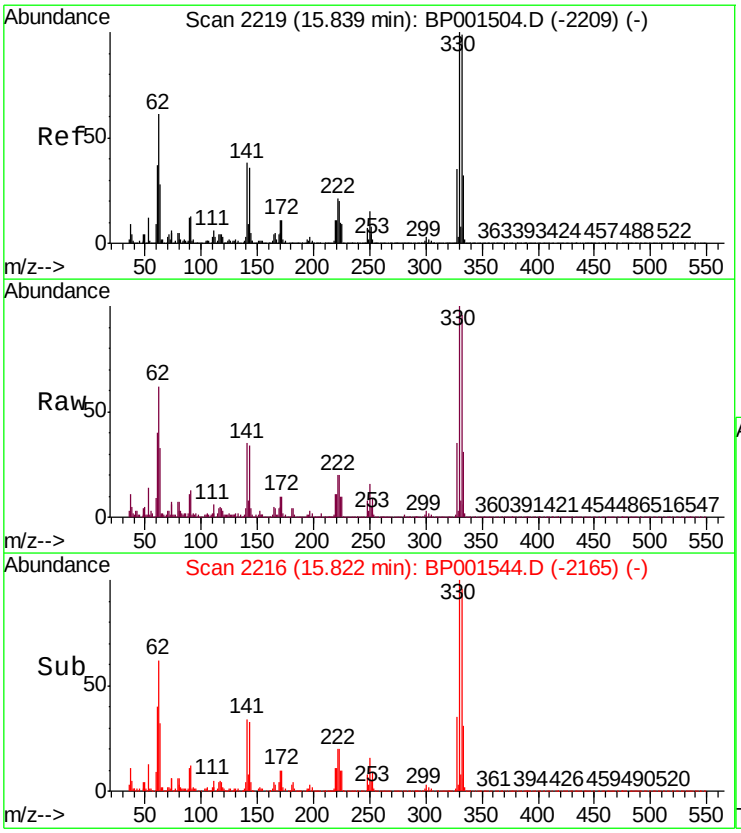
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Instrument :
BNA_P
ClientSampleId :
CL-02-010220

Tgt Ion:164 Resp: 128872

Ion	Ratio	Lower	Upper
164	100		
162	98.7	79.0	118.4
160	42.7	34.1	51.1

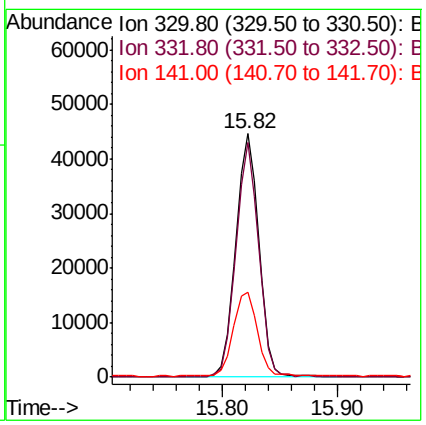


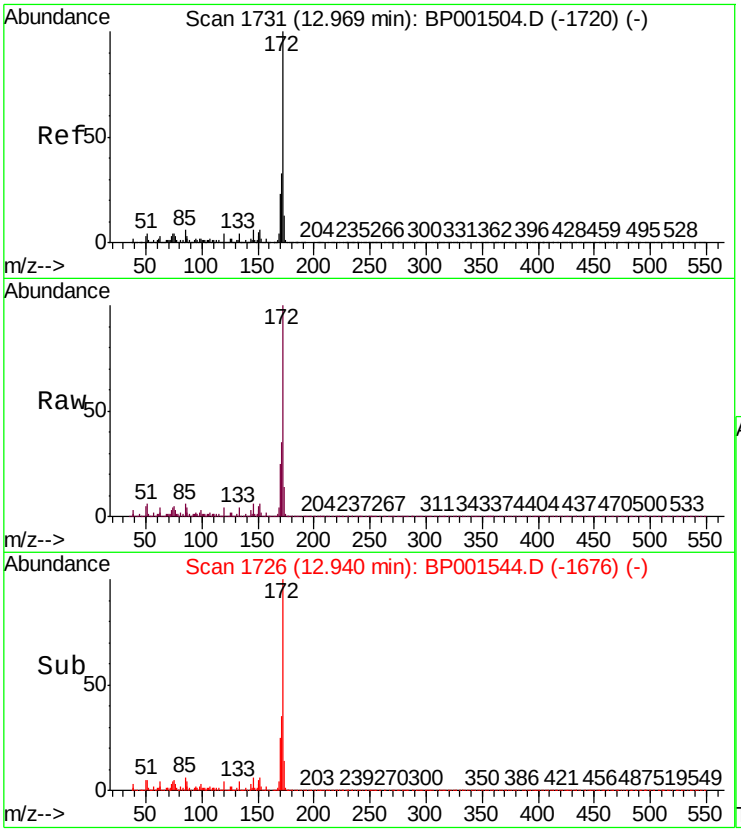


#42
2,4,6-Tribromophenol
Concen: 42.300 ng
RT: 15.82 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Tgt Ion:330 Resp: 61696

Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.0	117.0
141	35.7	28.7	43.1



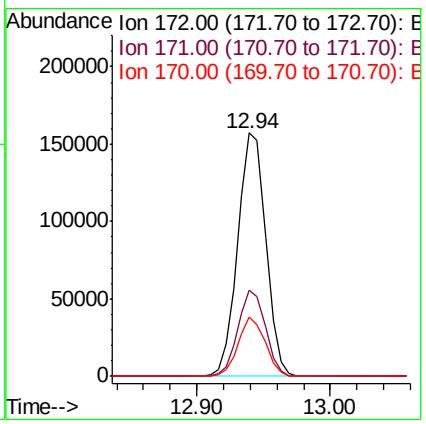


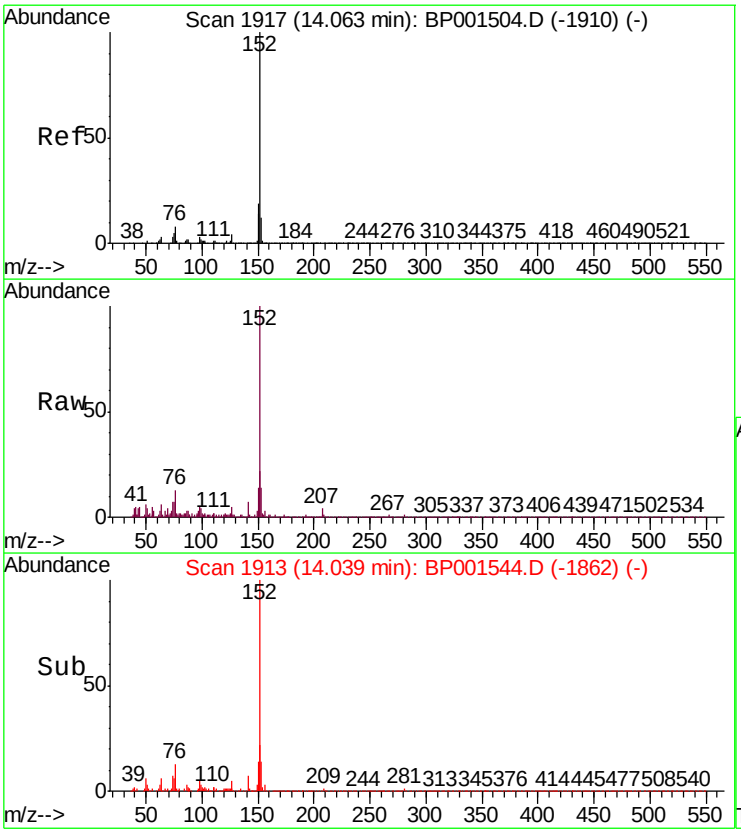
#45
2-Fluorobiphenyl
Concen: 26.048 ng
RT: 12.94 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Instrument :
BNA_P
ClientSampleId :
CL-02-010220

Tgt Ion:172 Resp: 228297

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.0	42.0
170	24.6	18.6	27.8

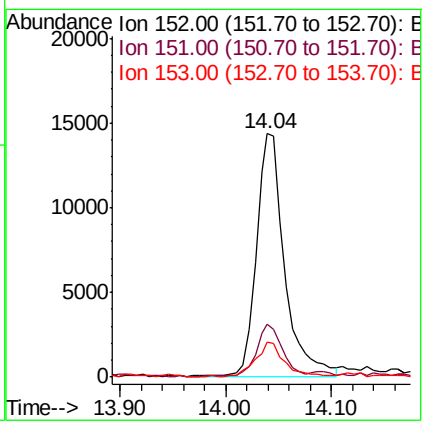


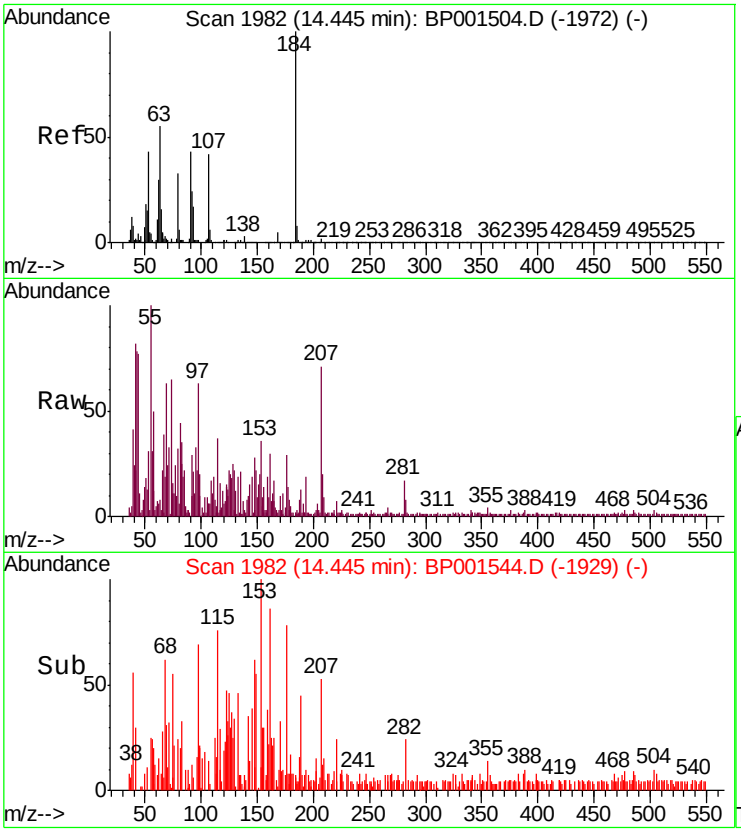


#49
Acenaphthylene
Concen: 2.193 ng
RT: 14.04 min Scan# 1913
Delta R.T. -0.00 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Tgt Ion:152 Resp: 26605

Ion	Ratio	Lower	Upper
152	100		
151	21.6	15.7	23.5
153	14.2	10.6	16.0



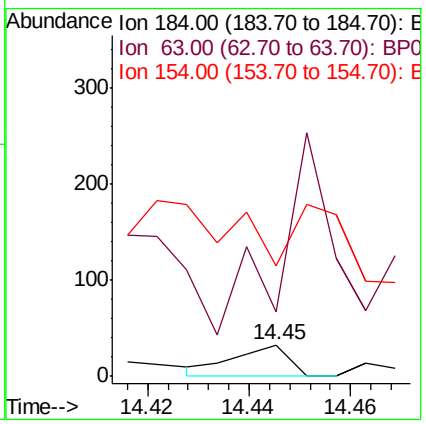


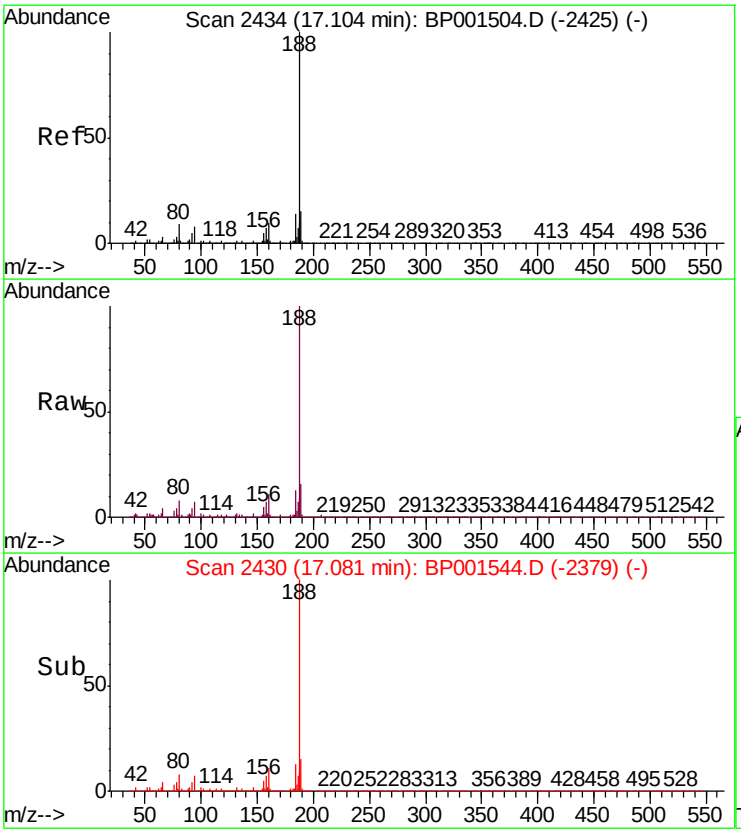
#54
2,4-Dinitrophenol
Concen: 6.476 ng
RT: 14.45 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Instrument :
BNA_P
ClientSampleId :
CL-02-010220

Tgt Ion:184 Resp: 24

Ion	Ratio	Lower	Upper
184	100		
63	209.4	61.7	92.5#
154	356.3	58.9	88.3#

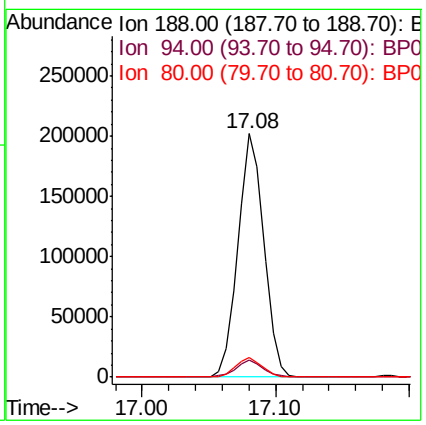


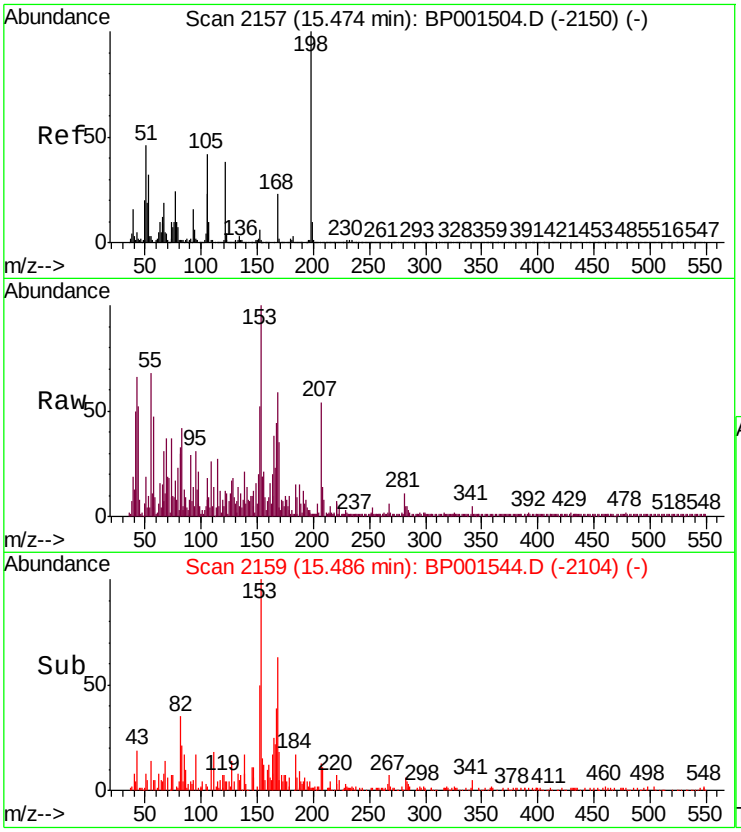


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Tgt Ion:188 Resp: 270863

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.4	8.0
80	7.9	6.3	9.5



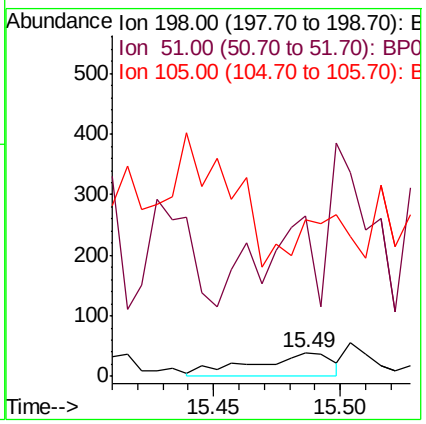


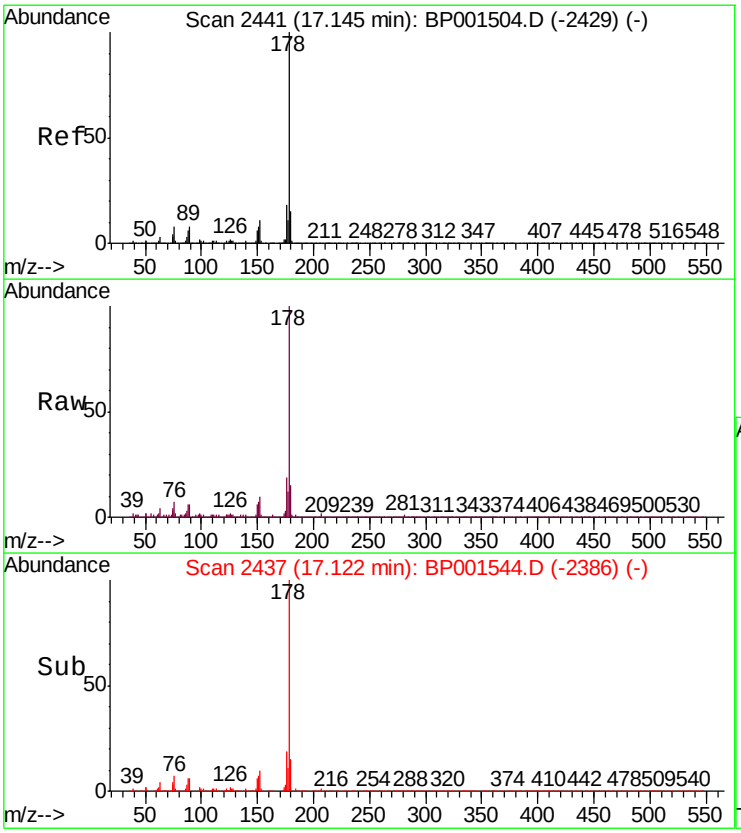
#65
4,6-Dinitro-2-methylphenol
Concen: 5.940 ng
RT: 15.49 min Scan# 2159
Delta R.T. 0.02 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Instrument :
BNA_P
ClientSampleId :
CL-02-010220

Tgt Ion:198 Resp: 83

Ion	Ratio	Lower	Upper
198	100		
51	676.9	35.4	75.4#
105	664.1	18.3	58.3#

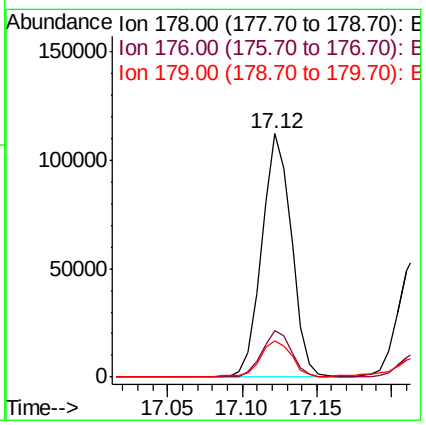


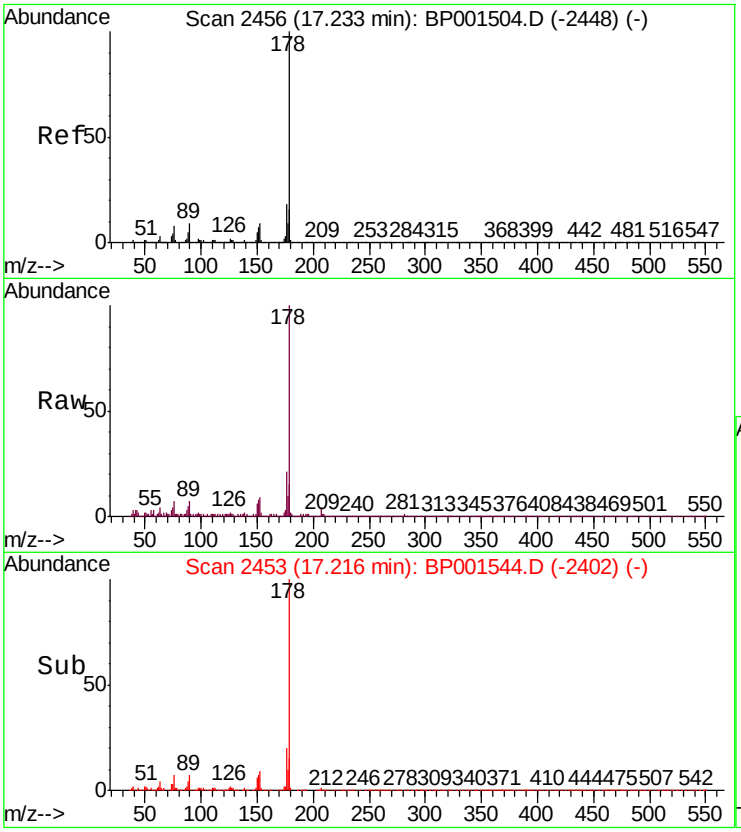


#71
Phenanthrene
Concen: 10.403 ng
RT: 17.12 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Tgt Ion:178 Resp: 152826

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	14.8	12.2	18.4



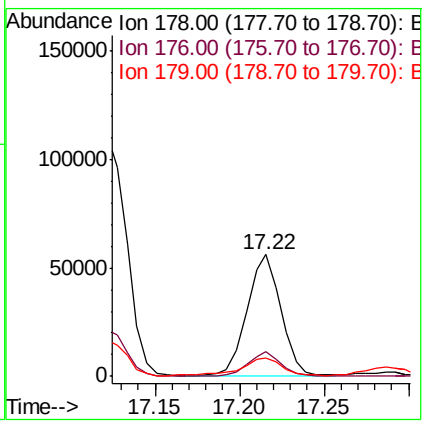


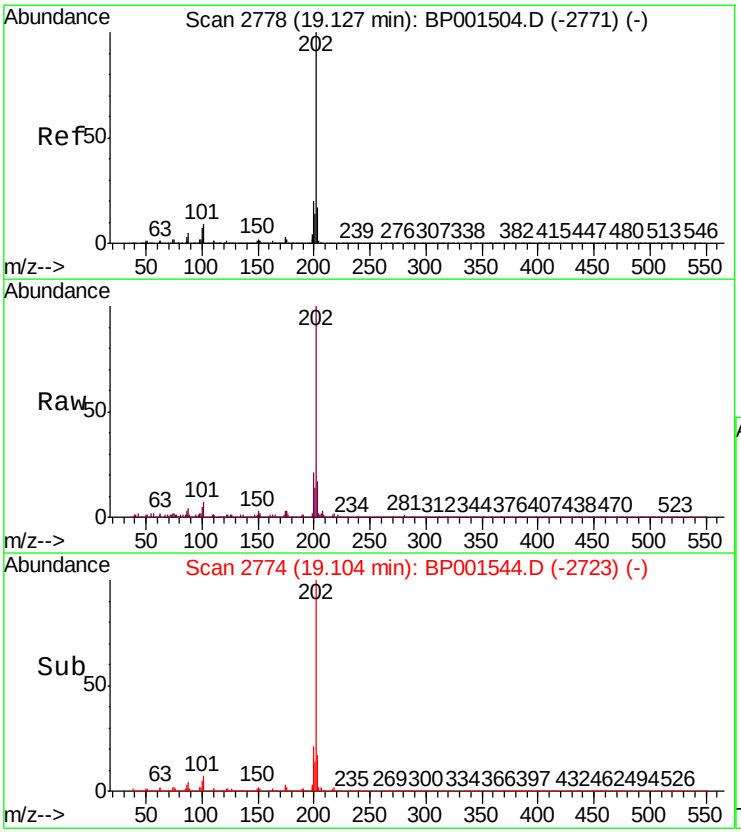
#72
Anthracene
Concen: 5.310 ng
RT: 17.22 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Instrument :
BNA_P
ClientSampleId :
CL-02-010220

Tgt Ion:178 Resp: 77317

Ion	Ratio	Lower	Upper
178	100		
176	20.6	14.7	22.1
179	15.3	12.2	18.2

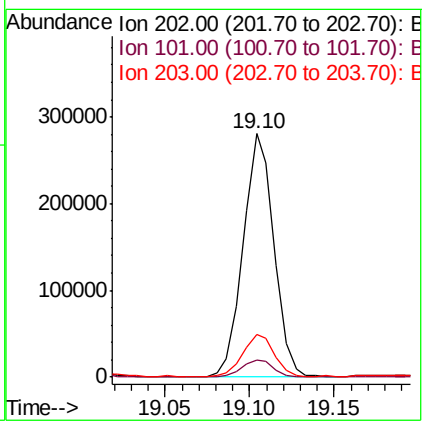


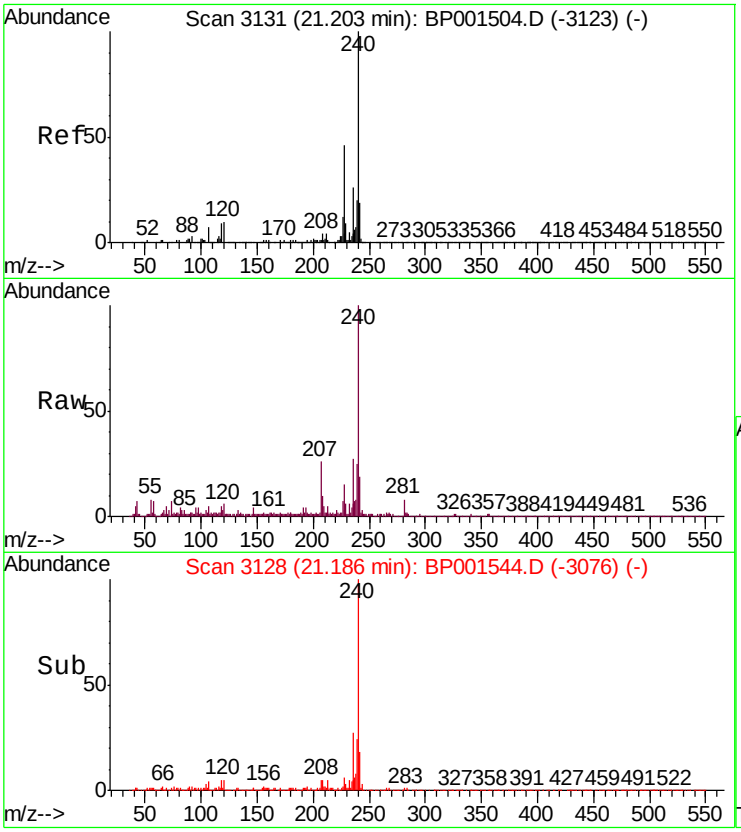


#75
Fluoranthene
Concen: 19.895 ng
RT: 19.10 min Scan# 2774
Delta R.T. -0.00 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Tgt Ion:202 Resp: 353814

Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	27.1
203	17.3	0.0	37.6



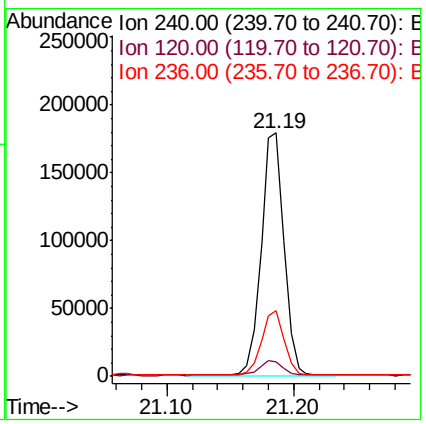


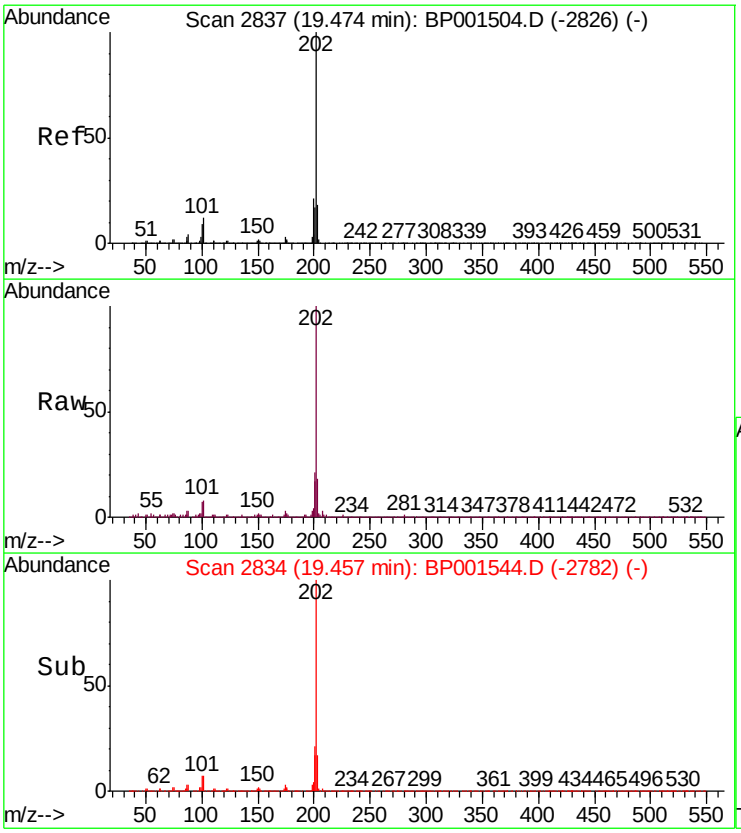
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3128
Delta R.T. 0.01 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Instrument :
BNA_P
ClientSampleId :
CL-02-010220

Tgt Ion:240 Resp: 224922

Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.2	7.8
236	27.1	21.4	32.2

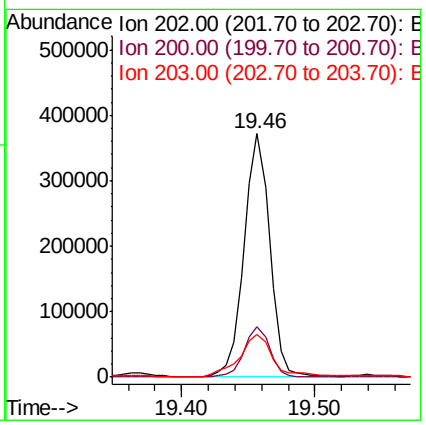


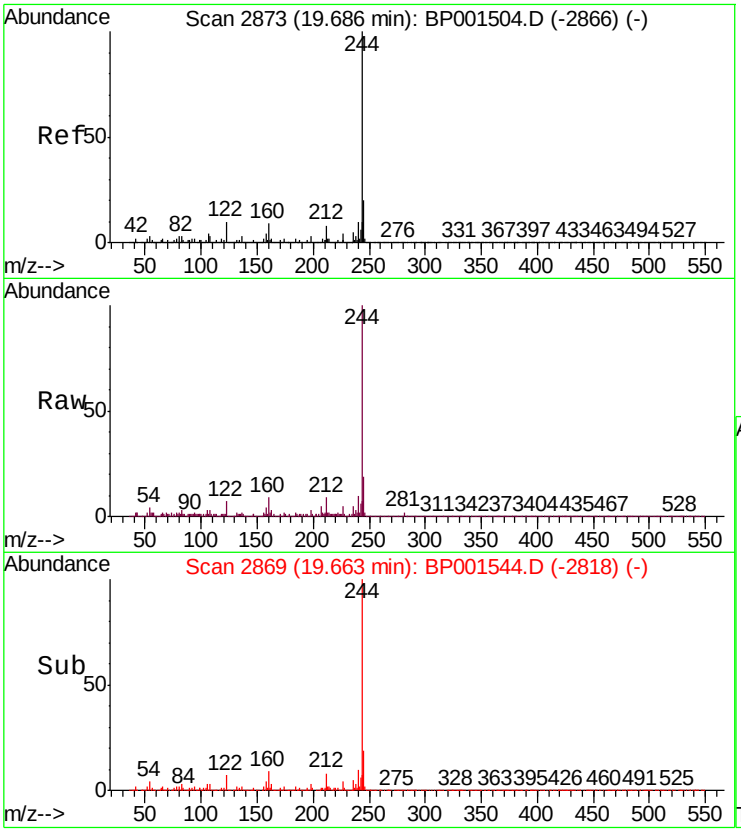


#78
Pyrene
Concen: 29.895 ng
RT: 19.46 min Scan# 2834
Delta R.T. 0.01 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Tgt Ion:202 Resp: 487931

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.2	24.4
203	17.7	13.6	20.4



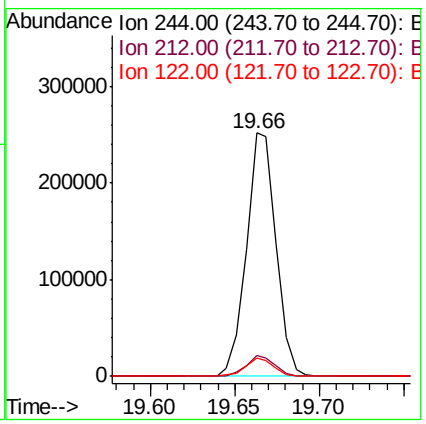


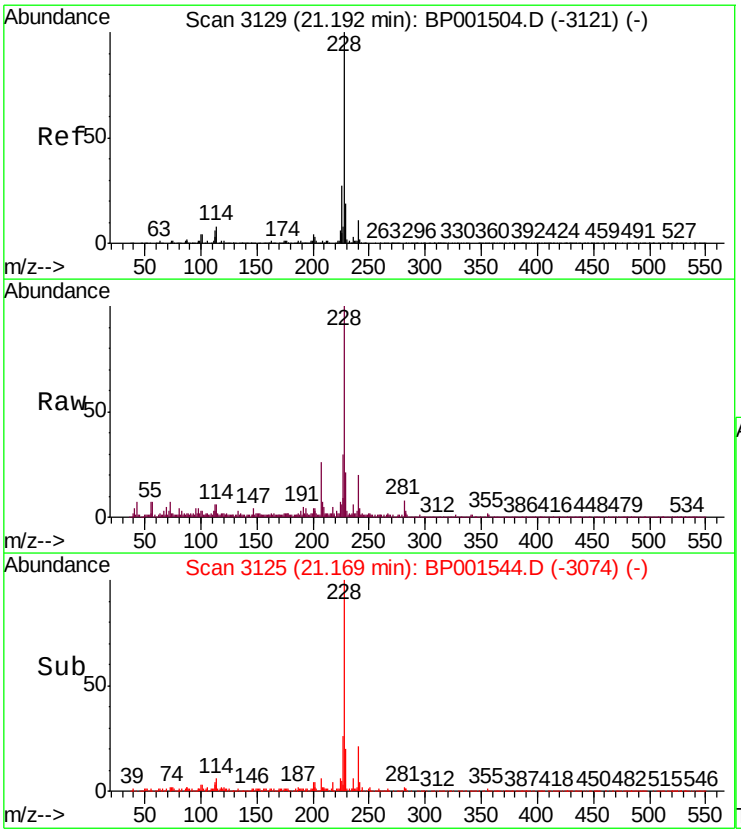
#79
Terphenyl-d14
Concen: 27.159 ng
RT: 19.66 min Scan# 2869
Delta R.T. -0.00 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Instrument :
BNA_P
ClientSampleId :
CL-02-010220

Tgt Ion:244 Resp: 306520

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.7	10.1
122	7.4	6.0	9.0

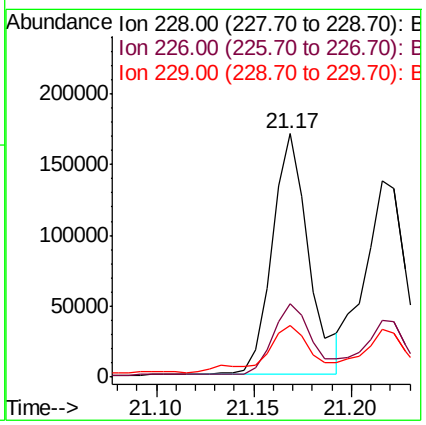


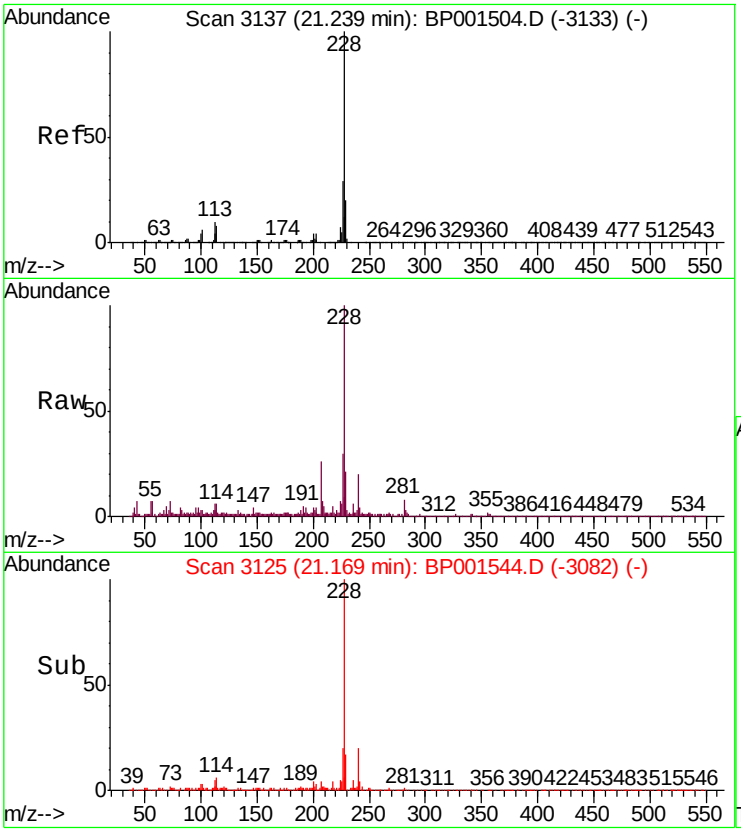


#81
Benzo(a)anthracene
Concen: 14.034 ng
RT: 21.17 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Tgt Ion:228 Resp: 221478

Ion	Ratio	Lower	Upper
228	100		
226	30.0	21.4	32.2
229	21.2	15.5	23.3



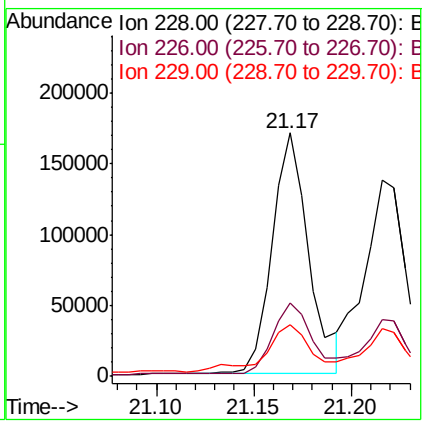


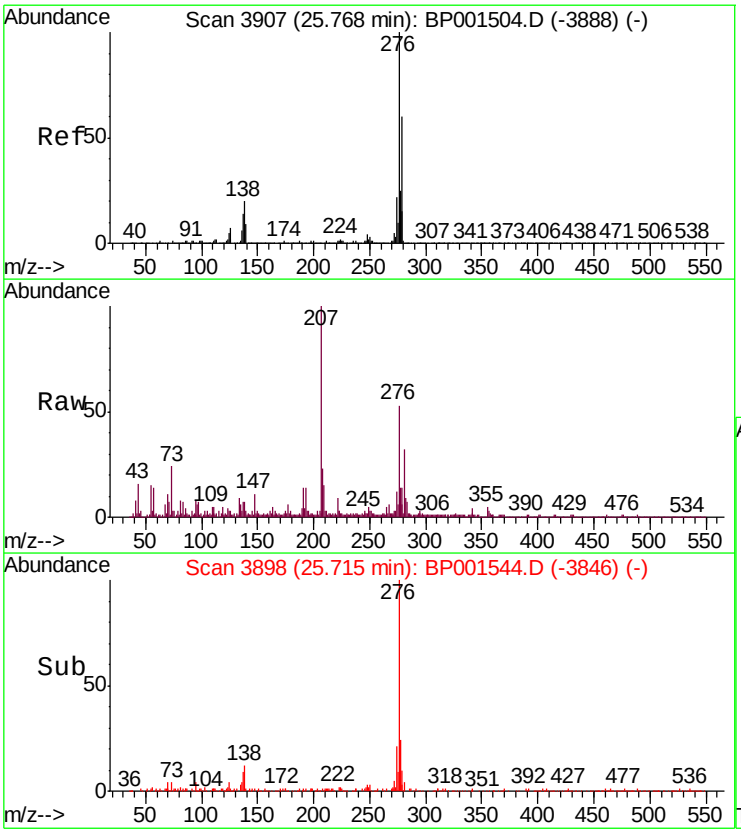
#83
Chrysene
Concen: 14.636 ng
RT: 21.17 min Scan# 3125
Delta R.T. -0.05 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Instrument :
BNA_P
ClientSampleId :
CL-02-010220

Tgt Ion:228 Resp: 221478

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.1	34.7
229	21.2	15.6	23.4

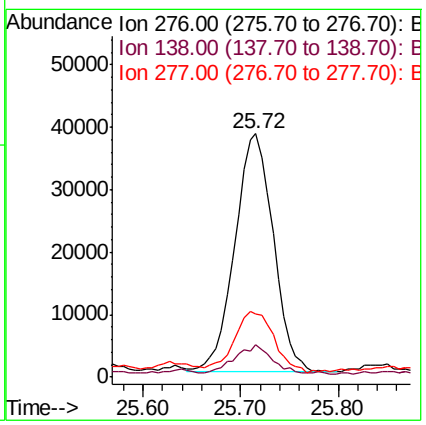


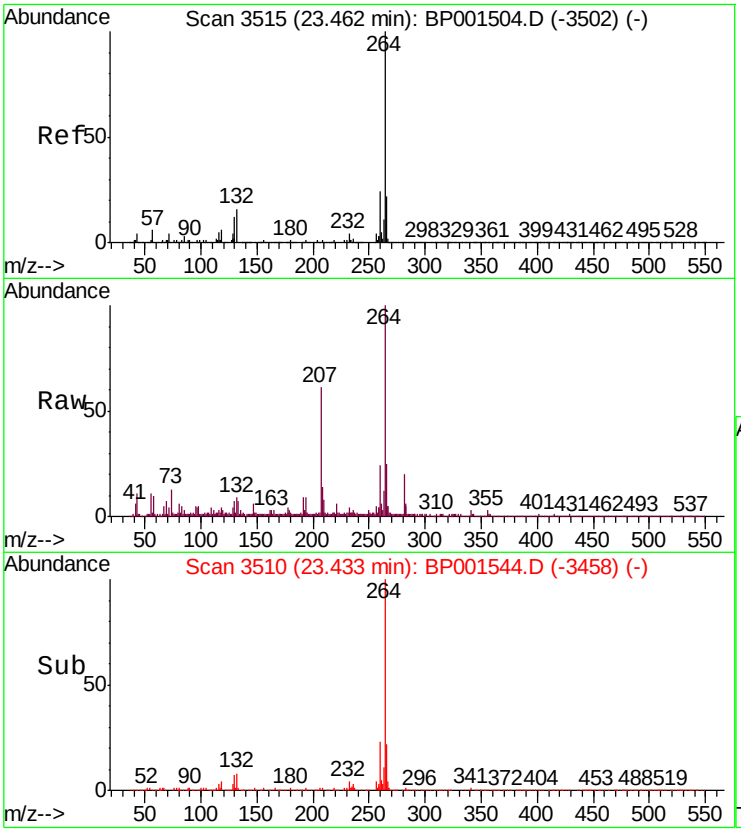


#86
Indeno(1,2,3-cd)pyrene
Concen: 5.675 ng
RT: 25.72 min Scan# 3898
Delta R.T. 0.01 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Tgt Ion:276 Resp: 104510

Ion	Ratio	Lower	Upper
276	100		
138	11.2	11.0	16.6
277	26.1	20.1	30.1



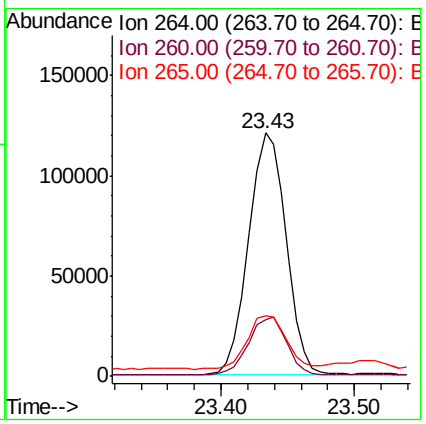


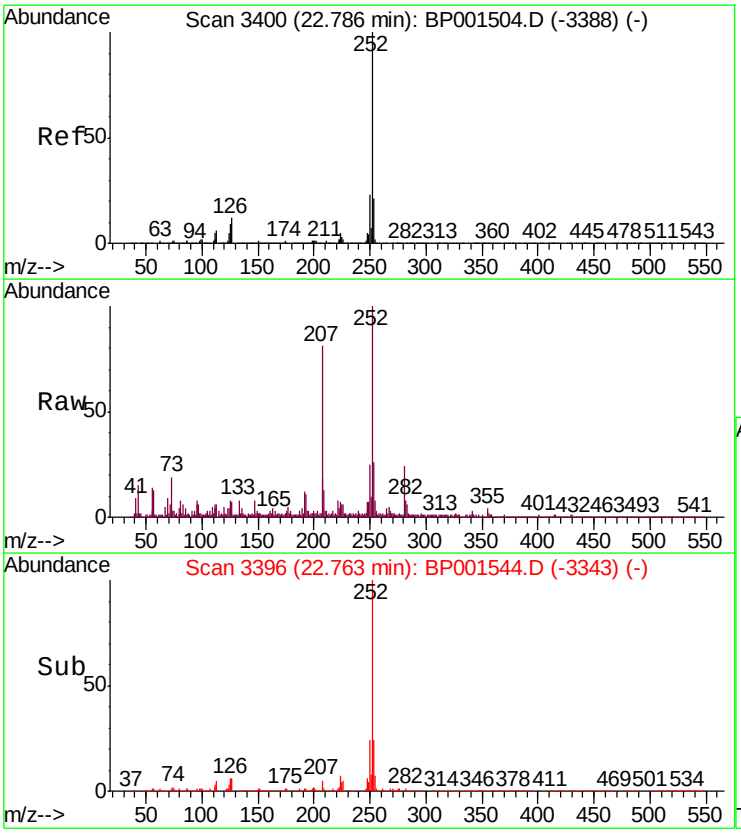
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.43 min Scan# 3510
Delta R.T. 0.01 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Instrument :
BNA_P
ClientSampleId :
CL-02-010220

Tgt Ion:264 Resp: 233910

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	24.8	19.0	28.4

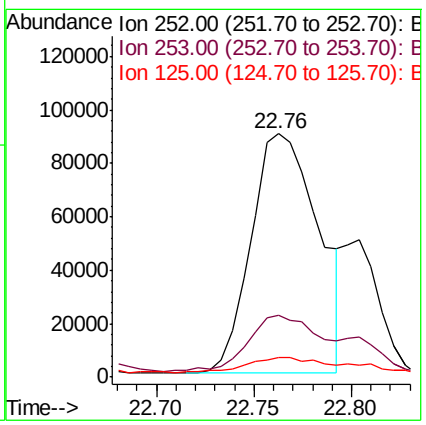


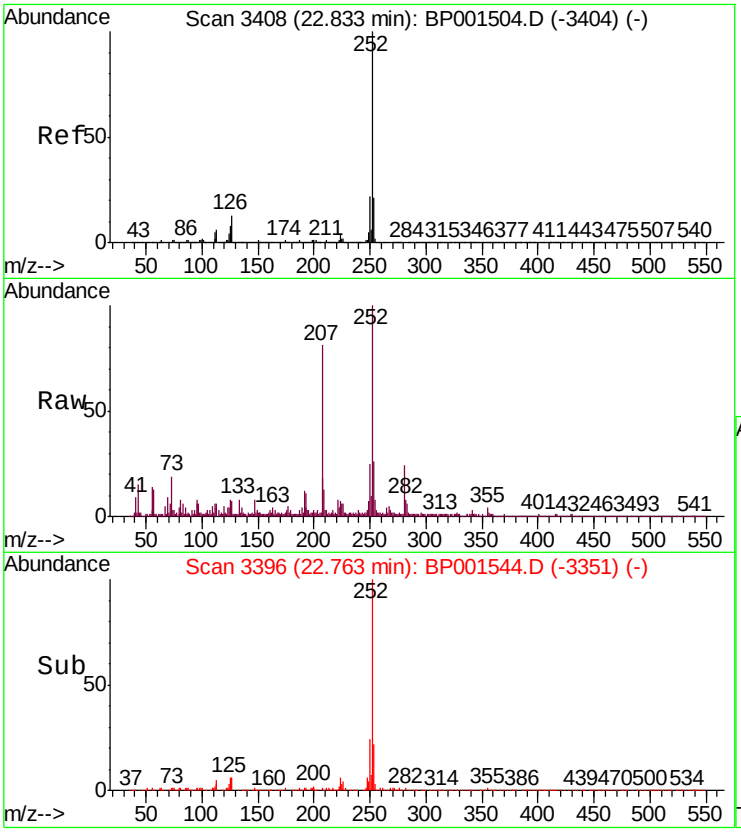


#88
Benzo(b)fluoranthene
Concen: 14.747 ng
RT: 22.76 min Scan# 3396
Delta R.T. 0.01 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Tgt Ion:252 Resp: 213589

Ion	Ratio	Lower	Upper
252	100		
253	25.6	16.7	25.1#
125	7.9	4.2	6.2#



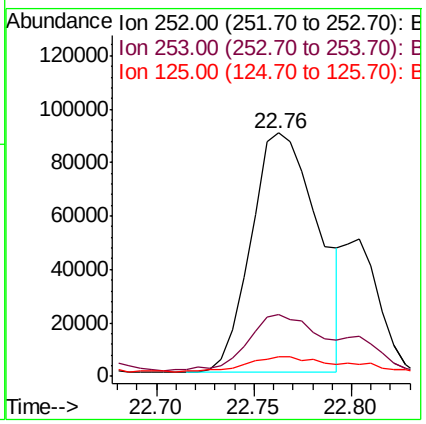


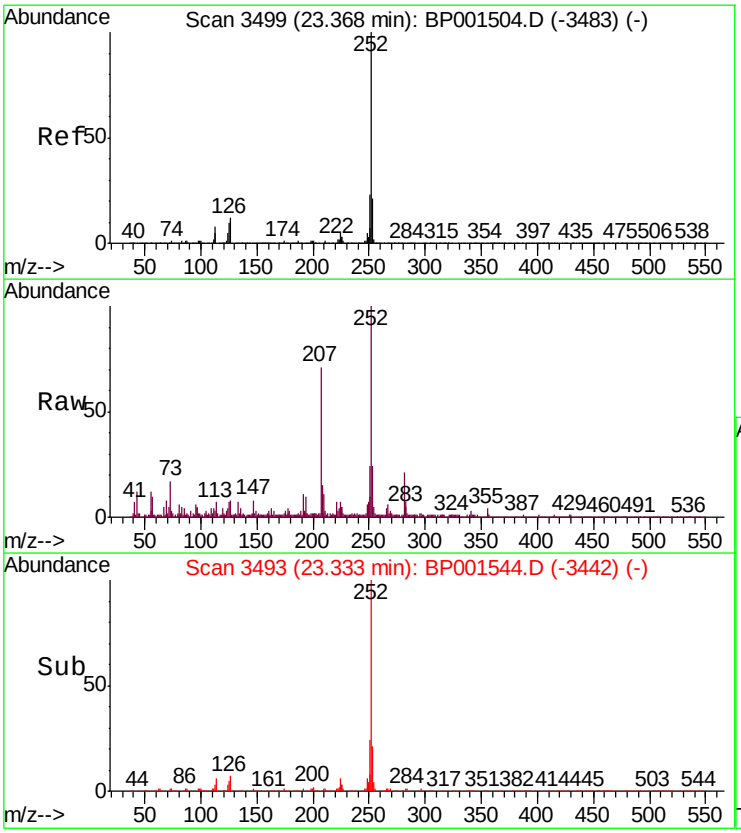
#89
Benzo(k)fluoranthene
Concen: 15.396 ng
RT: 22.76 min Scan# 3396
Delta R.T. -0.04 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Instrument :
BNA_P
ClientSampleId :
CL-02-010220

Tgt Ion:252 Resp: 213589

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.3	25.9
125	7.9	4.8	7.2#

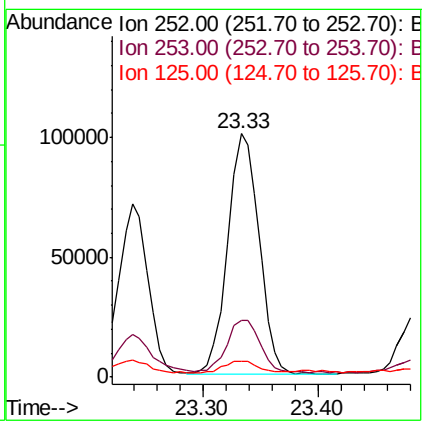


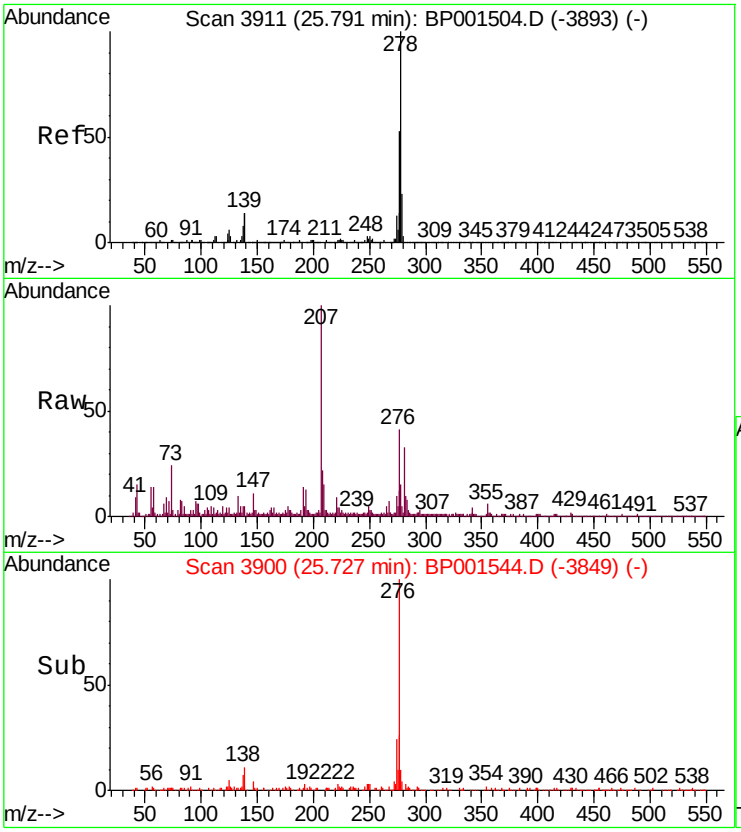


#90
Benzo(a)pyrene
Concen: 13.974 ng
RT: 23.33 min Scan# 3493
Delta R.T. -0.00 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Tgt Ion:252 Resp: 189456

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	6.7	4.6	6.8



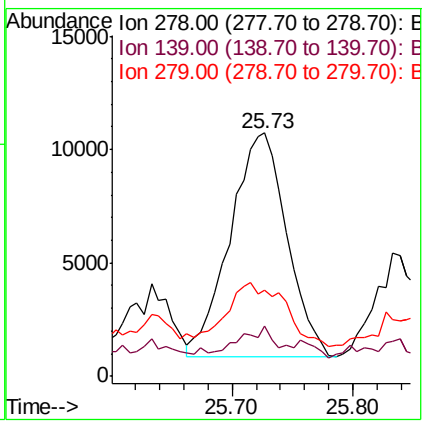


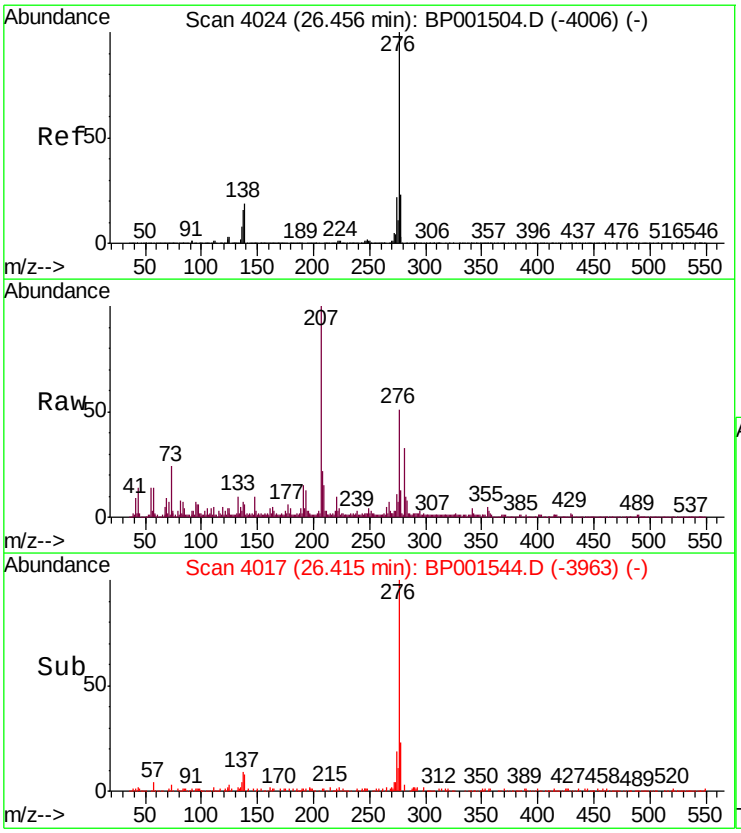
#91
Dibenzo(a,h)anthracene
Concen: 2.390 ng
RT: 25.73 min Scan# 3900
Delta R.T. -0.00 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Instrument :
BNA_P
ClientSampleId :
CL-02-010220

Tgt Ion:278 Resp: 32208

Ion	Ratio	Lower	Upper
278	100		
139	20.8	7.2	10.8#
279	35.3	19.2	28.8#





#92
Benzo(g,h,i)perylene
Concen: 7.914 ng
RT: 26.42 min Scan# 4017
Delta R.T. 0.02 min
Lab File: BP001544.D
Acq: 06 Jan 2020 23:16

Tgt Ion:276 Resp: 106358

Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.9	28.3
138	11.3	10.1	15.1