Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
Data File : BP002617.D
Acq On : 01 Jul 2020 22:28
Operator : CG/JU
Sample : L2814-14 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PL-02-063020

Quant Time: Jul 02 01:04:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	305755	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	1238935	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	748148	20.00	ng		0.00
64) Phenanthrene-d10	16.98	188	1529257	20.00	ng		0.00
76) Chrysene-d12	21.09	240	1066590	20.00	ng		0.00
86) Perylene-d12	23.29	264	920994	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	379497	21.01	ng		0.00
7) Phenol-d6	6.76	99	521110	20.67	ng		0.00
23) Nitrobenzene-d5	8.72	82	300472	12.50	ng		0.00
42) 2,4,6-Tribromophenol	15.72	330	168091	18.47	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	743954	14.64	ng		0.00
79) Terphenyl-d14	19.57	244	966894	19.57	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.73	77	270	Below Cal		#	63
32) Benzoic acid	9.69	122	344	8.720	ng	#	41
41) Hexachlorocyclopentadiene	12.48	237	15	4.383	ng		91
52) Acenaphthene	14.28	154	88718	2.074	ng		98
54) 2,4-Dinitrophenol	14.33	184	102	6.021	ng	#	1
56) 4-Nitrophenol	14.44	139	1031	2.528	ng	#	1
58) Fluorene	15.27	166	117216	2.220	ng		99
65) 4,6-Dinitro-2-methylphenol	15.36	198	82	2.718	ng	#	1
70) Pentachlorophenol	16.63	266	70	2.668	ng	#	65
71) Phenanthrene	17.02	178	987374	12.000	ng		98
72) Anthracene	17.11	178	367904	4.493	ng		98
75) Fluoranthene	19.01	202	1850101	18.576	ng		98
77) Benzidine	19.16	184	447	3.765	ng	#	1
78) Pyrene	19.36	202	1543581	21.262	ng		99
81) Benzo(a)anthracene	21.07	228	721059	10.341	ng		97
83) Chrysene	21.12	228	652503	9.758	ng		98
87) Indeno(1,2,3-cd)pyrene	25.50	276	367952	5.549	ng		99
88) Benzo(b)fluoranthene	22.63	252	776982	13.221	ng	#	95
89) Benzo(k)fluoranthene	22.63	252	776982	14.172	ng	#	94
90) Benzo(a)pyrene	23.19	252	569974	10.569	ng	#	98
92) Benzo(g,h,i)perylene	26.17	276	352732	6.509	ng		98

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

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PL-02-063020

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
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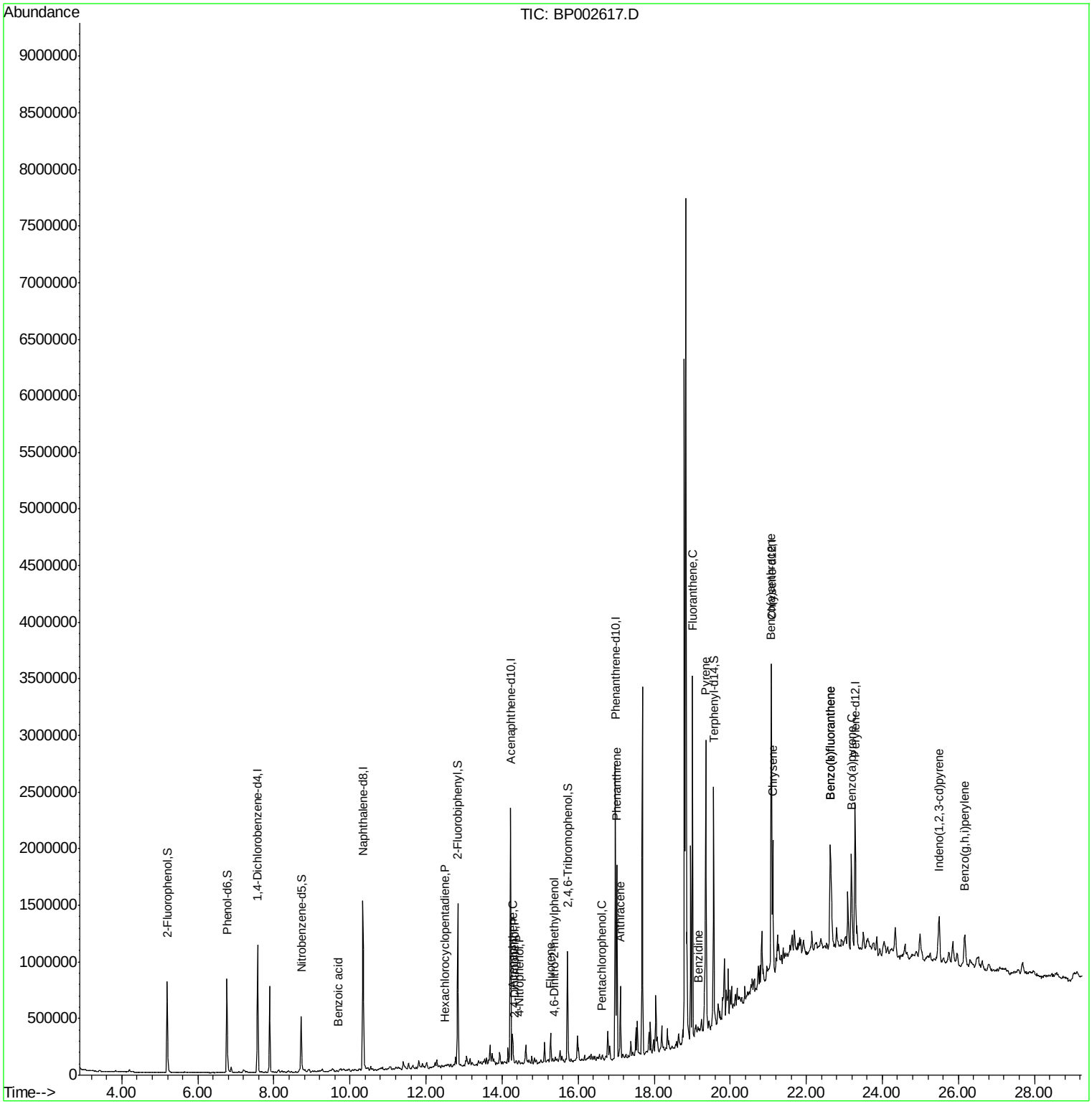
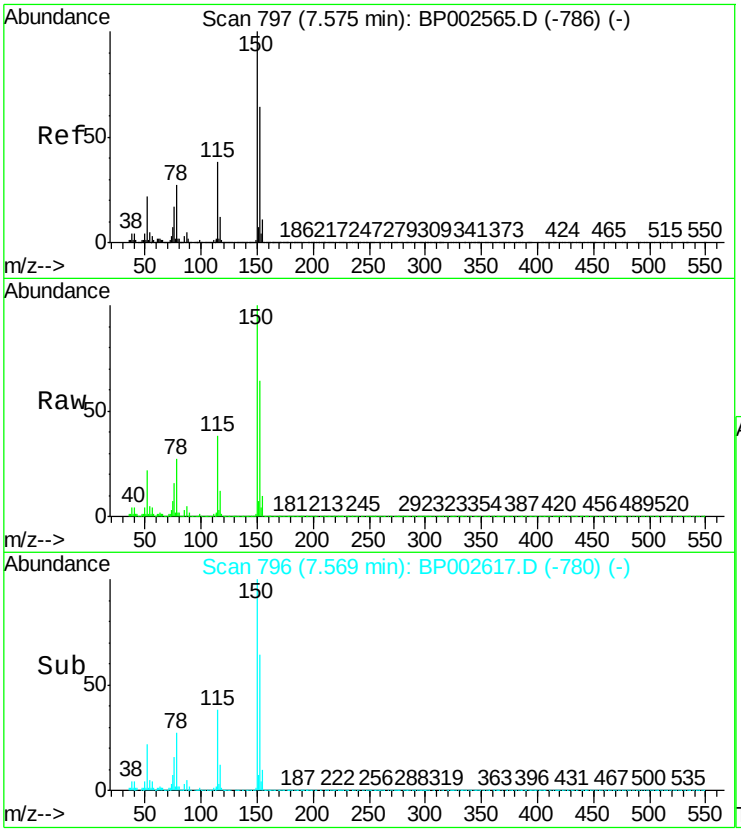


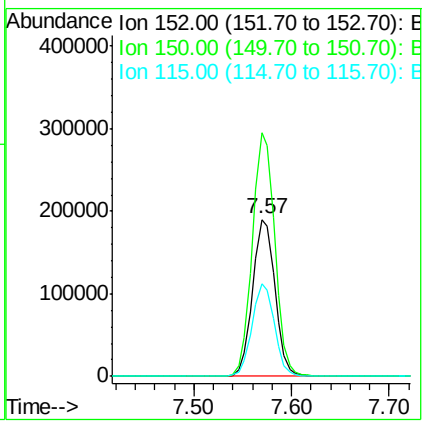


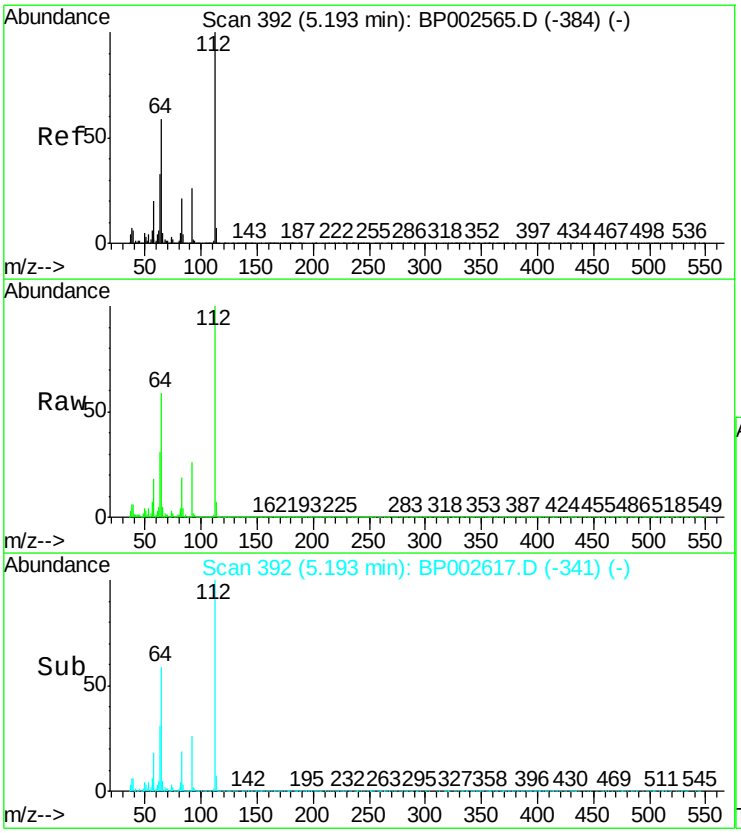
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Instrument :
BNA_P
ClientSampleId :
PL-02-063020

Tgt Ion:152 Resp: 305755

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.2	186.2
115	58.9	47.1	70.7

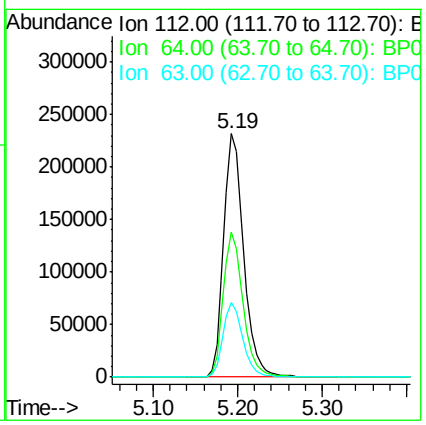


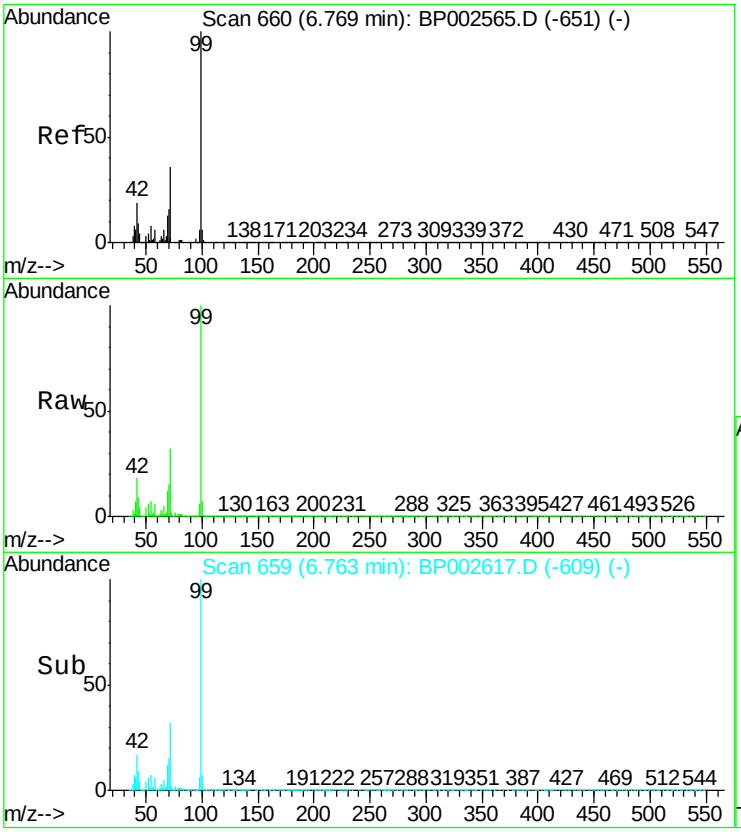


#5
2-Fluorophenol
Concen: 21.015 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Tgt Ion:112 Resp: 379497

Ion	Ratio	Lower	Upper
112	100		
64	59.5	47.0	70.6
63	30.6	26.1	39.1



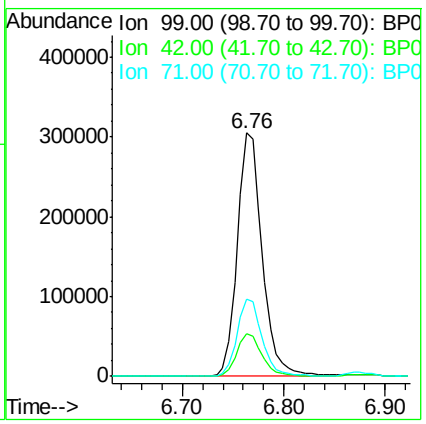


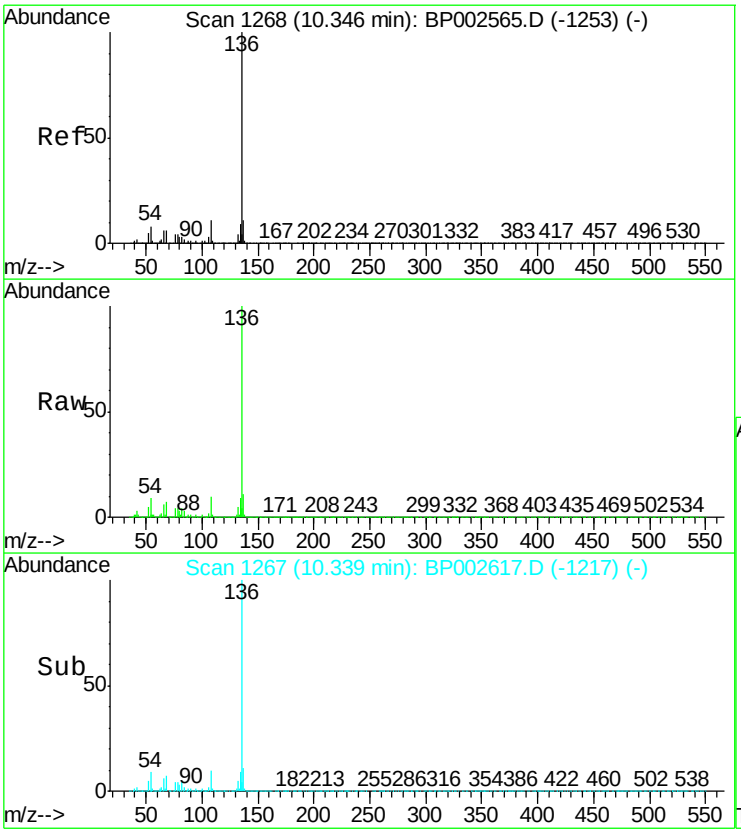
#7
Phenol-d6
Concen: 20.675 ng
RT: 6.76 min Scan# 659
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Instrument :
BNA_P
ClientSampleId :
PL-02-063020

Tgt Ion: 99 Resp: 521110

Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.5	23.3
71	31.9	28.9	43.3

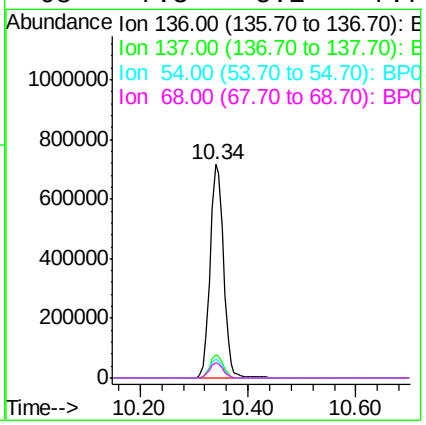


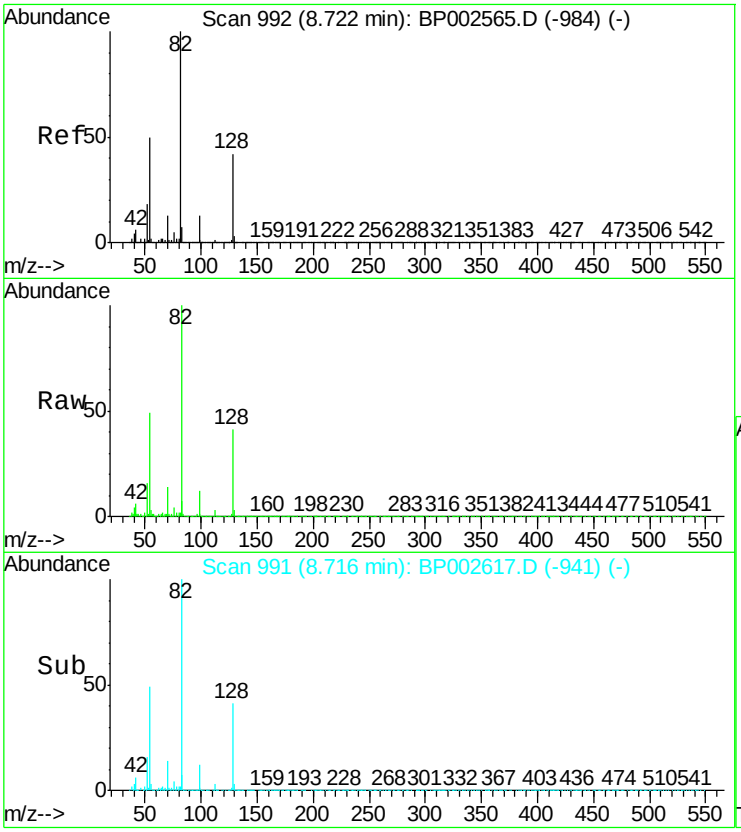


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Tgt Ion:136 Resp: 1238935

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.9	6.4	9.6
68	7.3	5.1	7.7



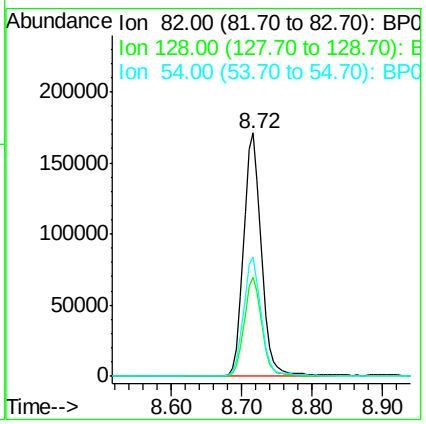


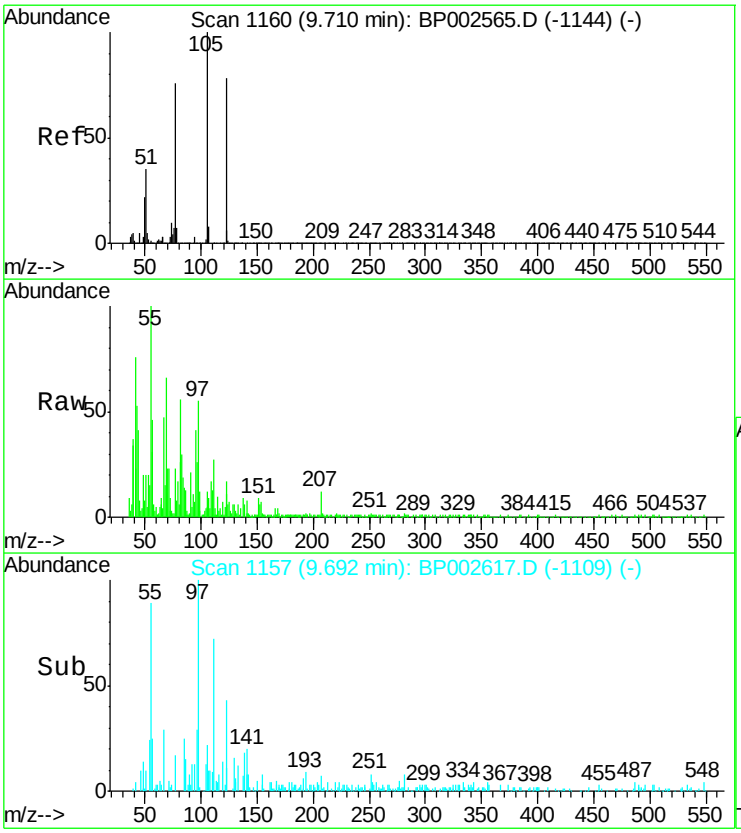
#23
Nitrobenzene-d5
Concen: 12.496 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Instrument :
BNA_P
ClientSampleId :
PL-02-063020

Tgt Ion: 82 Resp: 300472

Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.4	50.2
54	48.9	40.1	60.1

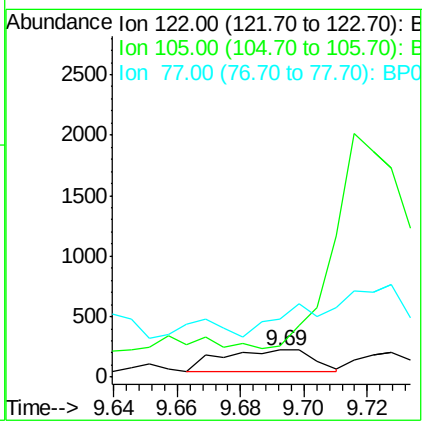


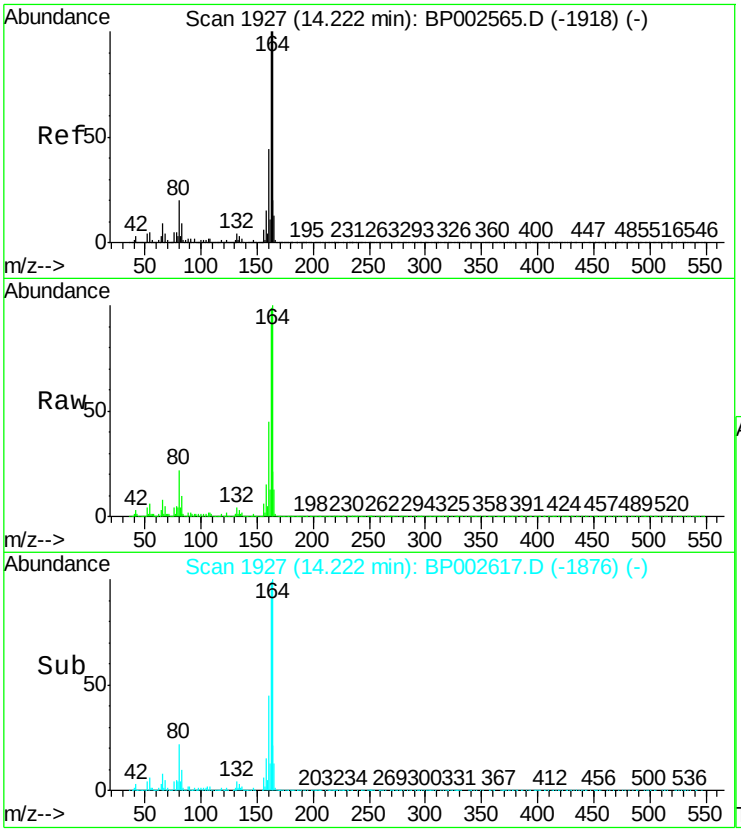


#32
Benzoic acid
Concen: 8.720 ng
RT: 9.69 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Tgt Ion:122 Resp: 344

Ion	Ratio	Lower	Upper
122	100		
105	115.8	106.6	146.6
77	218.0	76.5	116.5#



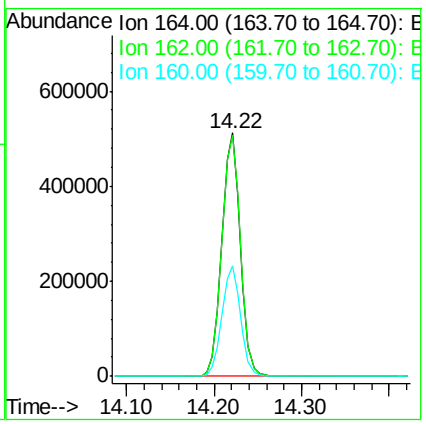


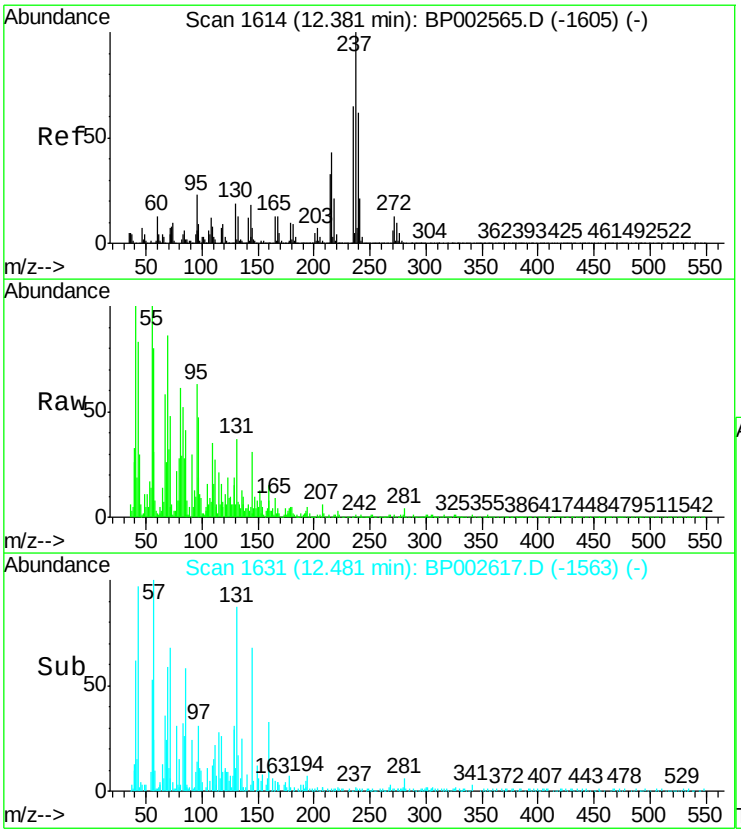
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Instrument :
BNA_P
ClientSampleId :
PL-02-063020

Tgt Ion:164 Resp: 748148

Ion	Ratio	Lower	Upper
164	100		
162	99.0	80.3	120.5
160	45.4	35.0	52.6

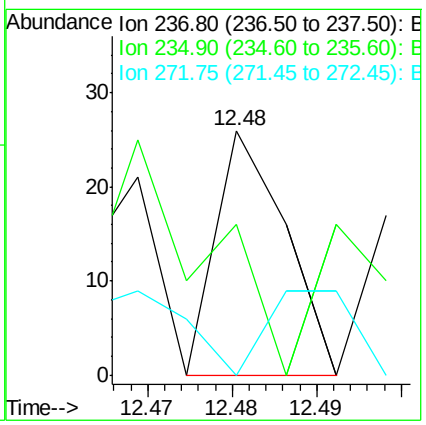


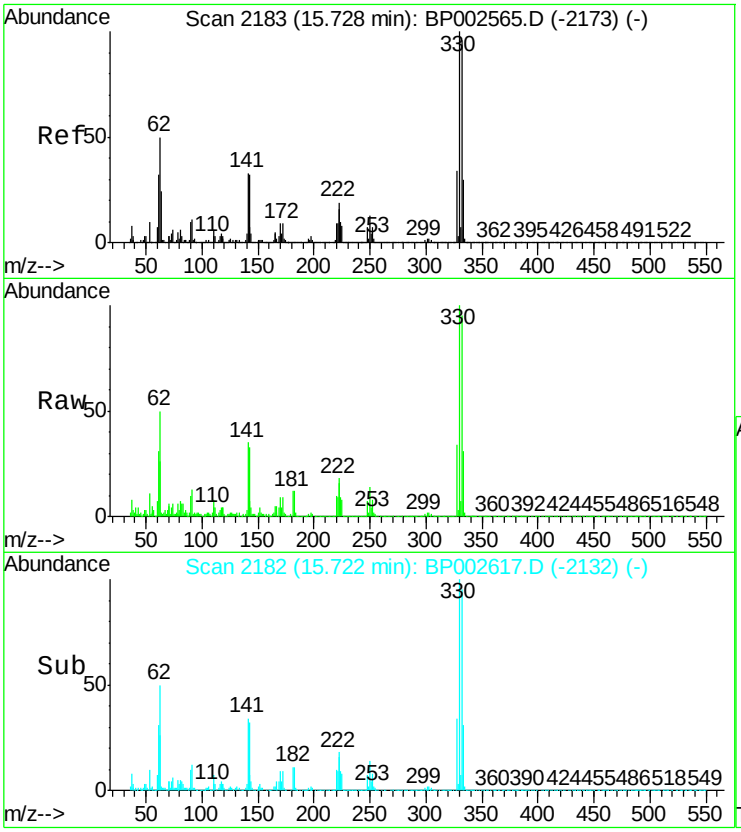


#41
Hexachlorocyclopentadiene
Concen: 4.383 ng
RT: 12.48 min Scan# 1631
Delta R.T. 0.10 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Tgt Ion:237 Resp: 15

Ion	Ratio	Lower	Upper
237	100		
235	61.5	45.4	85.4
272	0.0	0.0	32.6



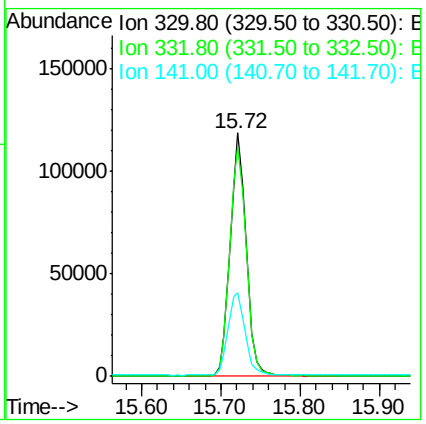


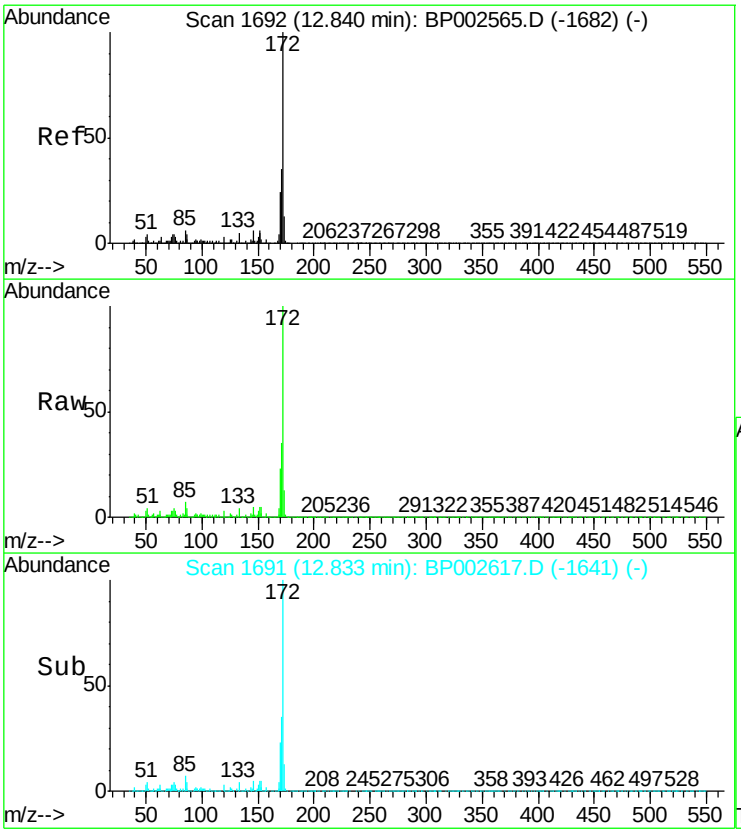
#42
2,4,6-Tribromophenol
Concen: 18.472 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Instrument :
BNA_P
ClientSampleId :
PL-02-063020

Tgt Ion:330 Resp: 168091

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.7	116.5
141	36.3	29.0	43.6

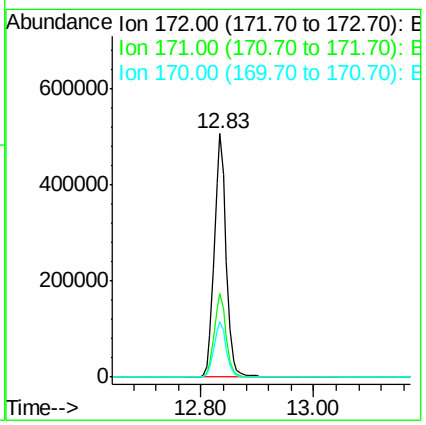


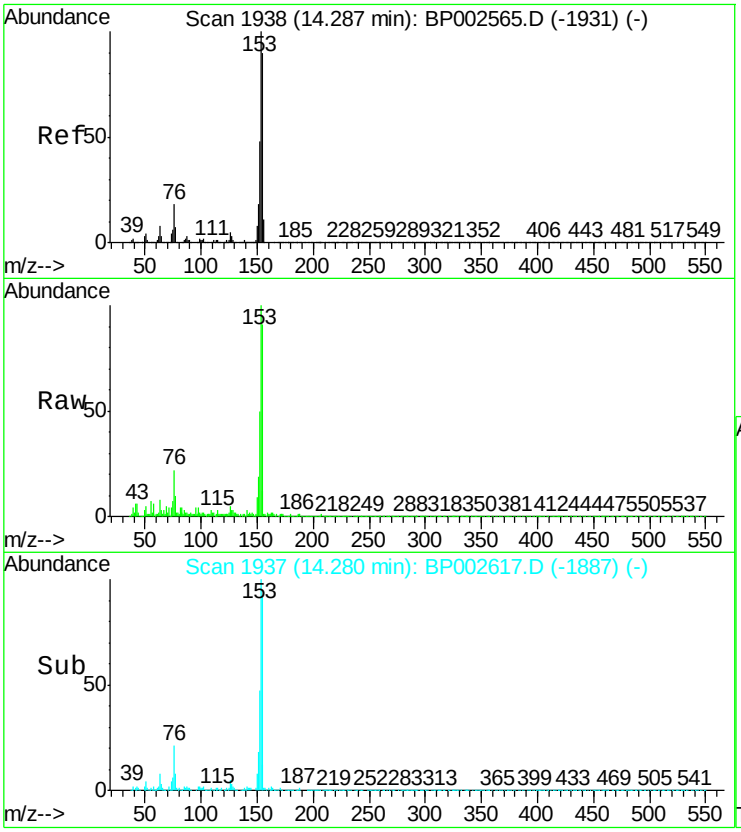


#45
2-Fluorobiphenyl
Concen: 14.636 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Tgt Ion:172 Resp: 743954

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.0	42.0
170	22.9	19.0	28.4



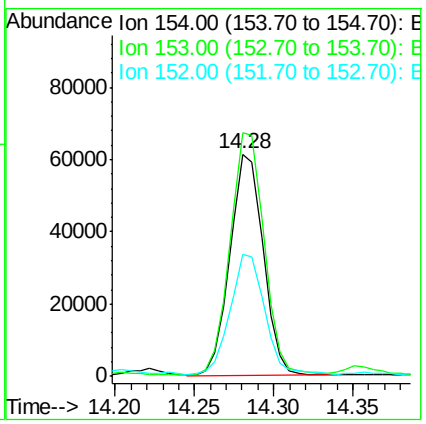


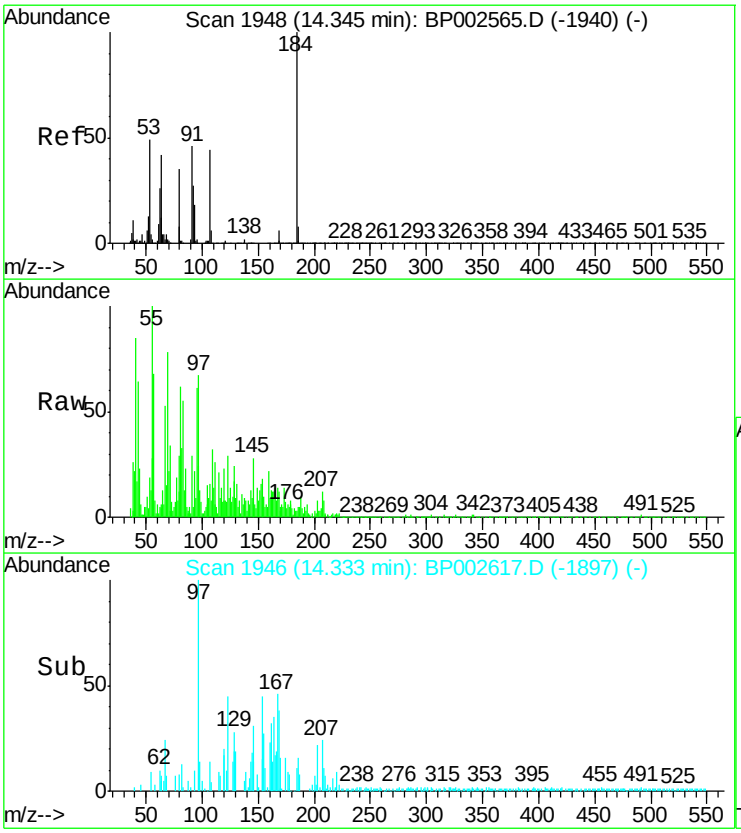
#52
Acenaphthene
Concen: 2.074 ng
RT: 14.28 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Instrument :
BNA_P
ClientSampleId :
PL-02-063020

Tgt Ion:154 Resp: 88718

Ion	Ratio	Lower	Upper
154	100		
153	109.5	89.1	133.7
152	55.0	43.2	64.8

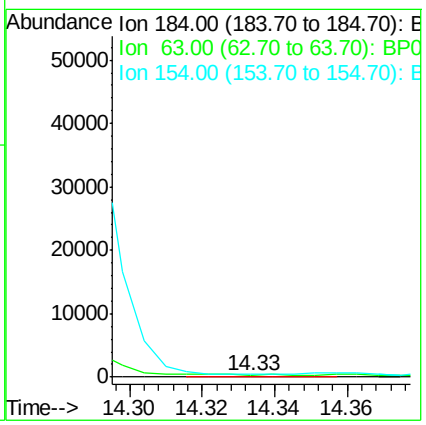


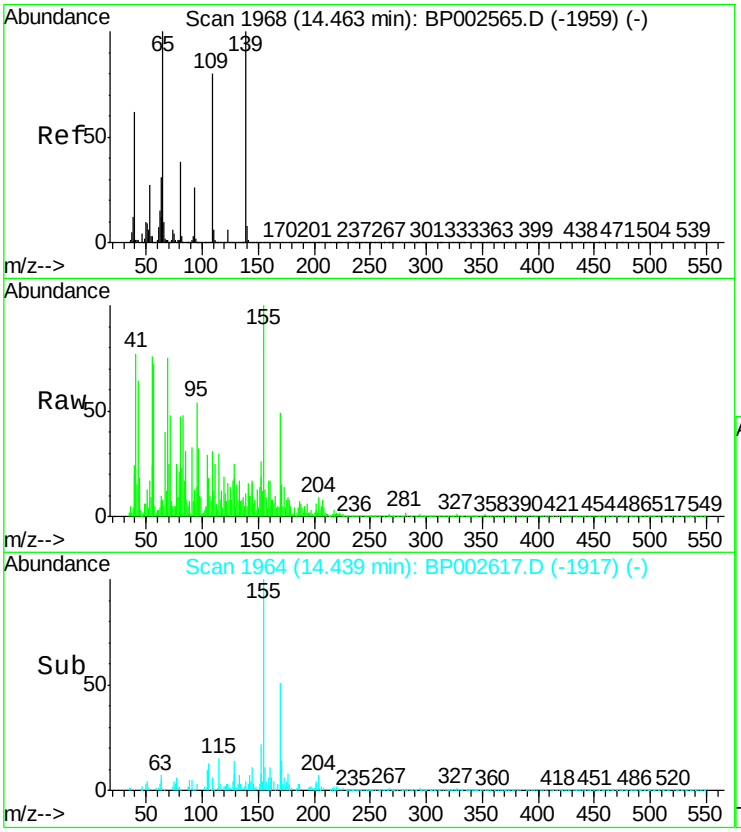


#54
2,4-Dinitrophenol
Concen: 6.021 ng
RT: 14.33 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Tgt Ion:184 Resp: 102

Ion	Ratio	Lower	Upper
184	100		
63	242.9	56.2	84.2#
154	339.5	50.9	76.3#



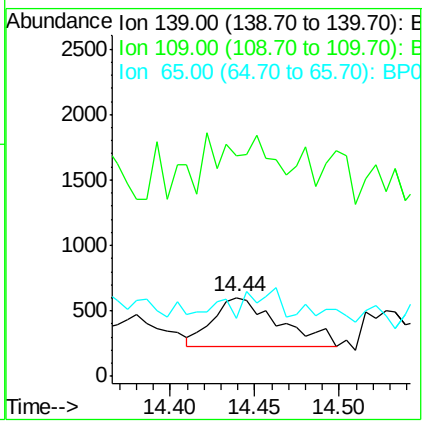


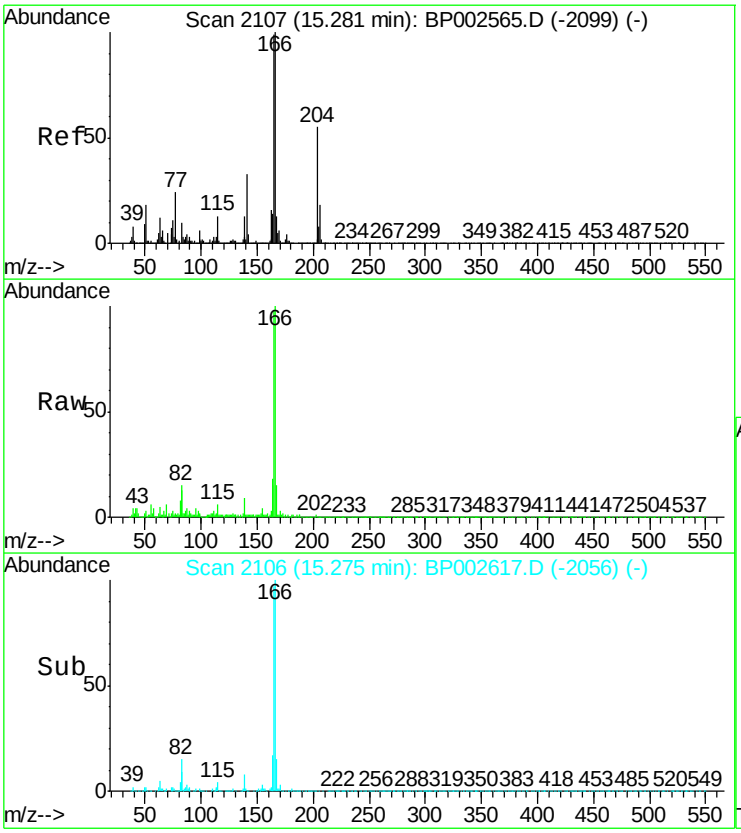
#56
4-Nitrophenol
Concen: 2.528 ng
RT: 14.44 min Scan# 1964
Delta R.T. -0.02 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Instrument :
BNA_P
ClientSampleId :
PL-02-063020

Tgt Ion:139 Resp: 1031

Ion	Ratio	Lower	Upper
139	100		
109	279.4	60.1	100.1#
65	74.0	80.3	120.3#

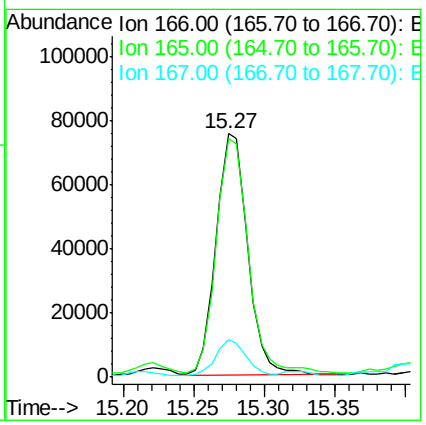


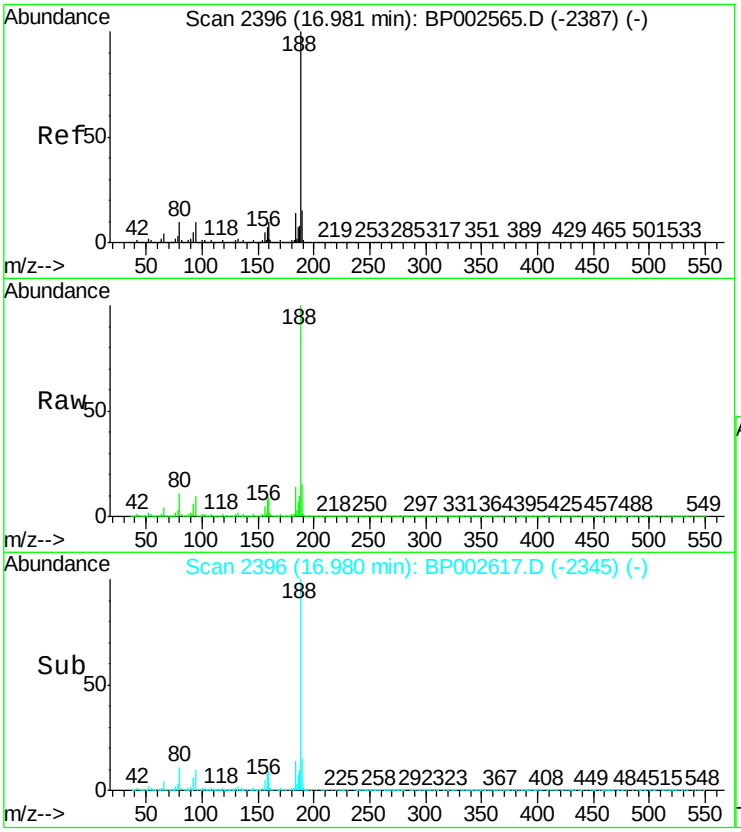


#58
Fluorene
Concen: 2.220 ng
RT: 15.27 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Tgt Ion:166 Resp: 117216

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.1	118.7
167	15.2	10.8	16.2



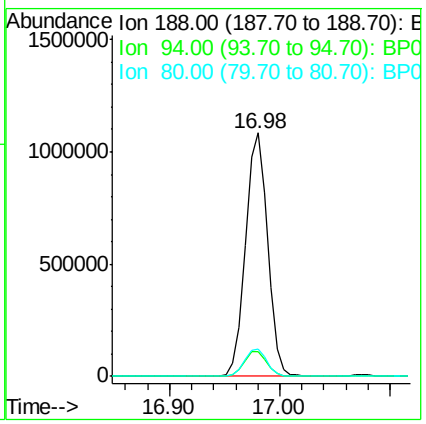


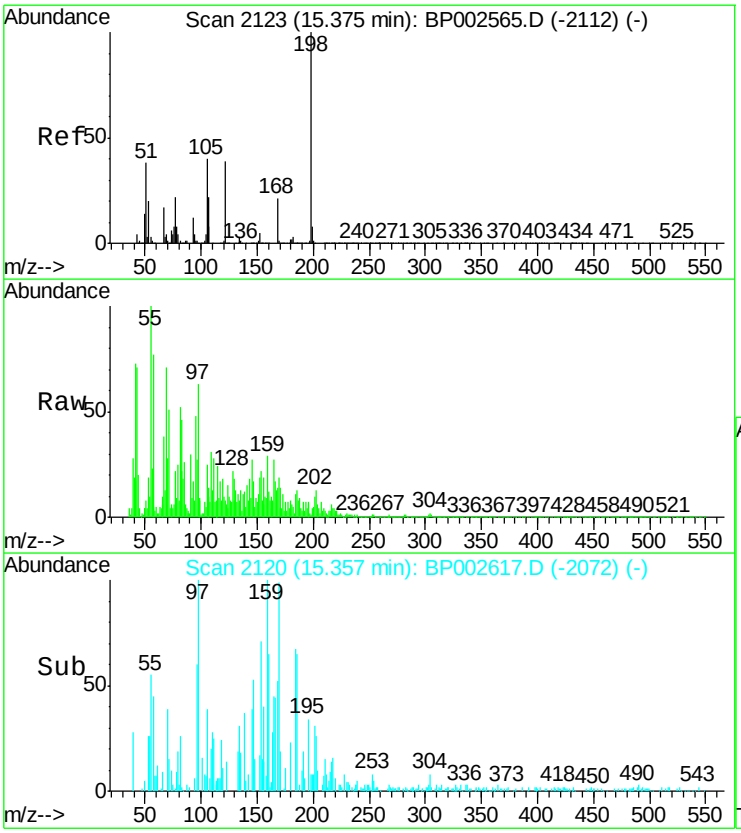
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Instrument :
BNA_P
ClientSampleId :
PL-02-063020

Tgt Ion:188 Resp: 1529257

Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.8	11.6
80	11.1	8.2	12.4

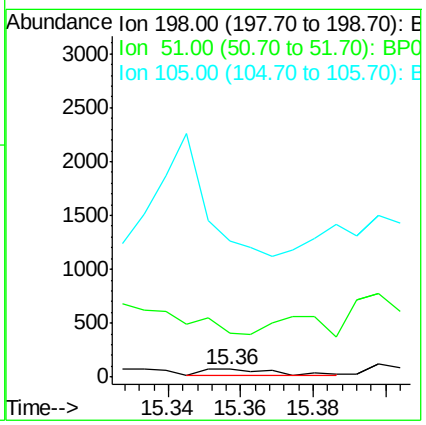


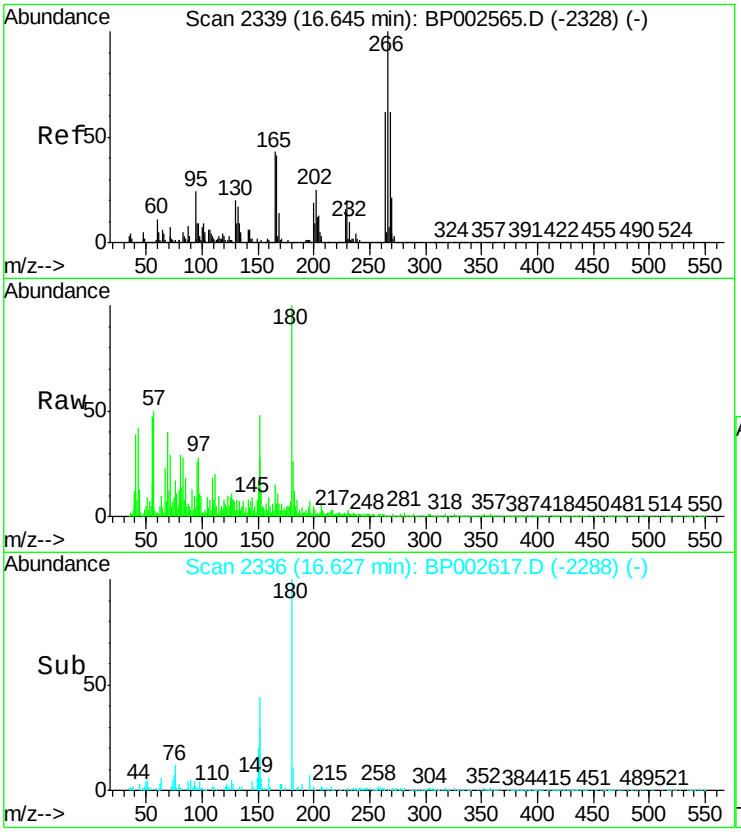


#65
4,6-Dinitro-2-methylphenol
Concen: 2.718 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.02 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Tgt Ion:198 Resp: 82

Ion	Ratio	Lower	Upper
198	100		
51	555.4	24.2	64.2#
105	1701.4	20.7	60.7#



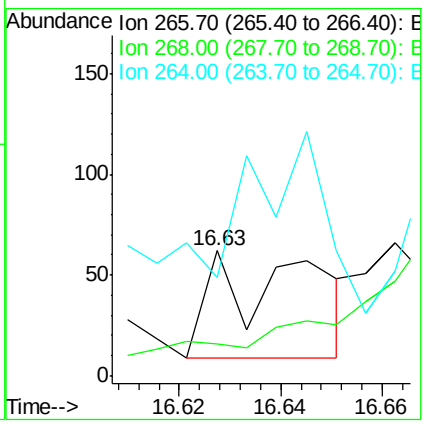


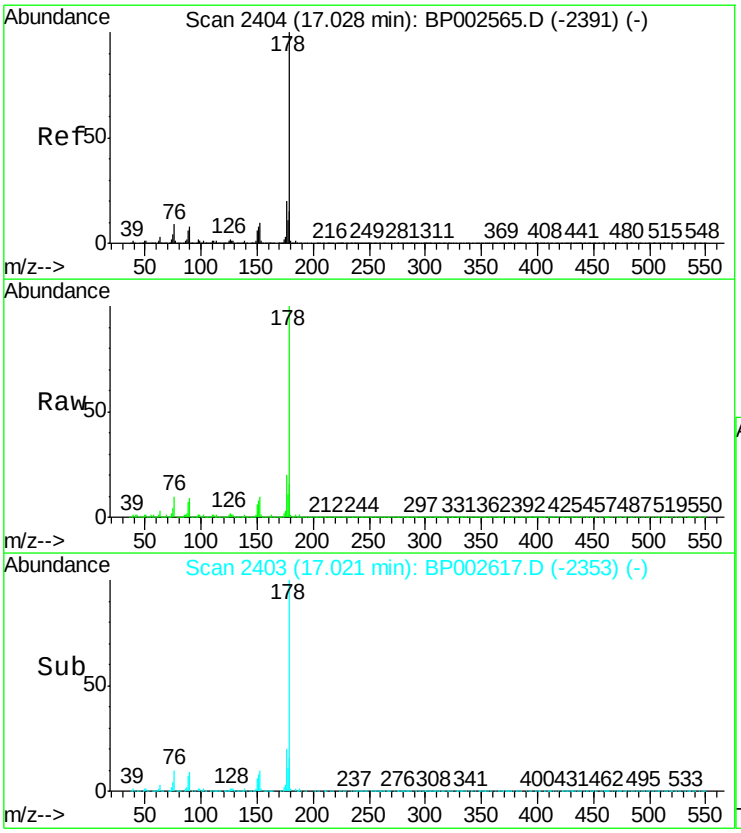
#70
Pentachlorophenol
Concen: 2.668 ng
RT: 16.63 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Instrument :
BNA_P
ClientSampleId :
PL-02-063020

Tgt Ion:266 Resp: 70

Ion	Ratio	Lower	Upper
266	100		
268	25.8	49.7	74.5#
264	79.0	49.3	73.9#

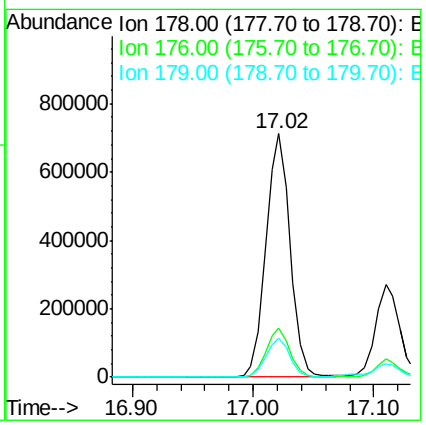


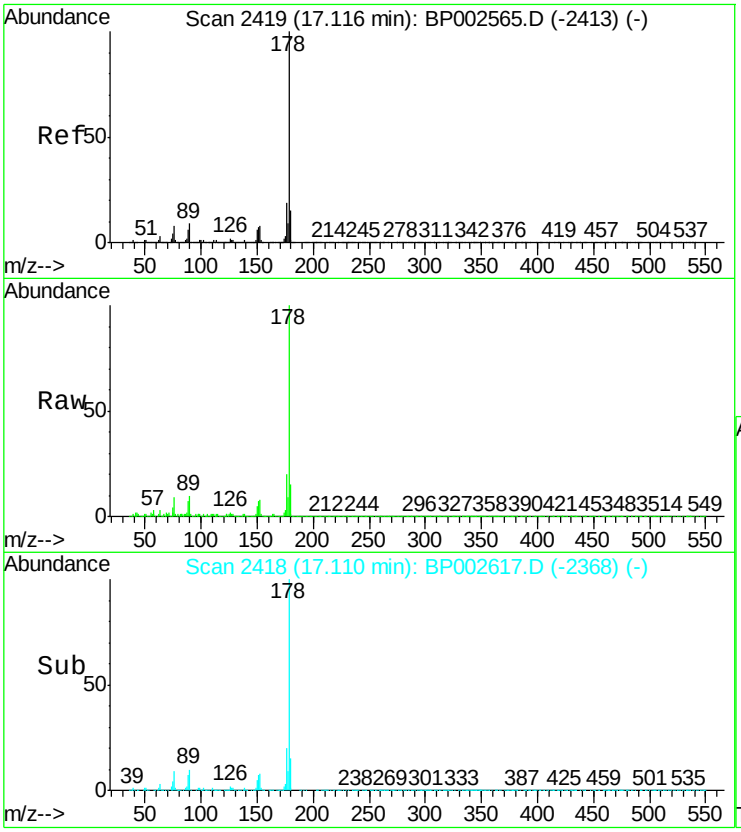


#71
Phenanthrene
Concen: 12.000 ng
RT: 17.02 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Tgt Ion:178 Resp: 987374

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.6	23.4
179	16.1	12.1	18.1



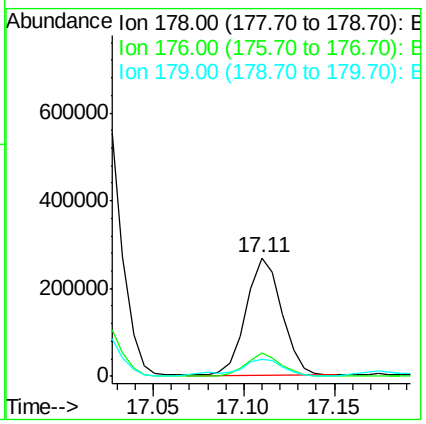


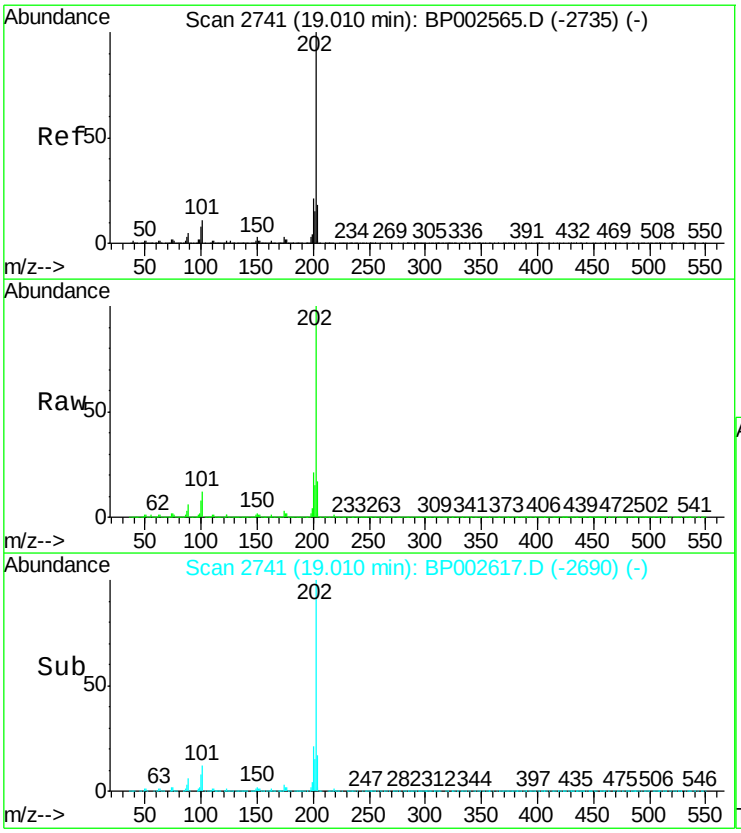
#72
Anthracene
Concen: 4.493 ng
RT: 17.11 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Instrument :
BNA_P
ClientSampleId :
PL-02-063020

Tgt Ion:178 Resp: 367904

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.0	22.4
179	14.7	12.2	18.2

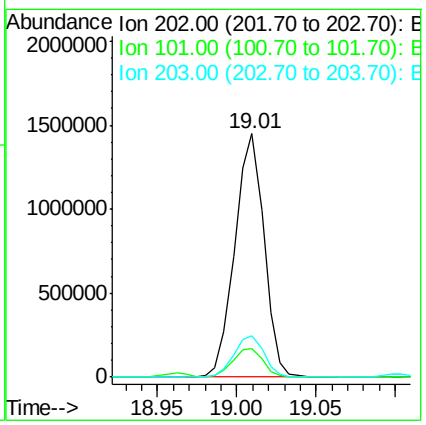


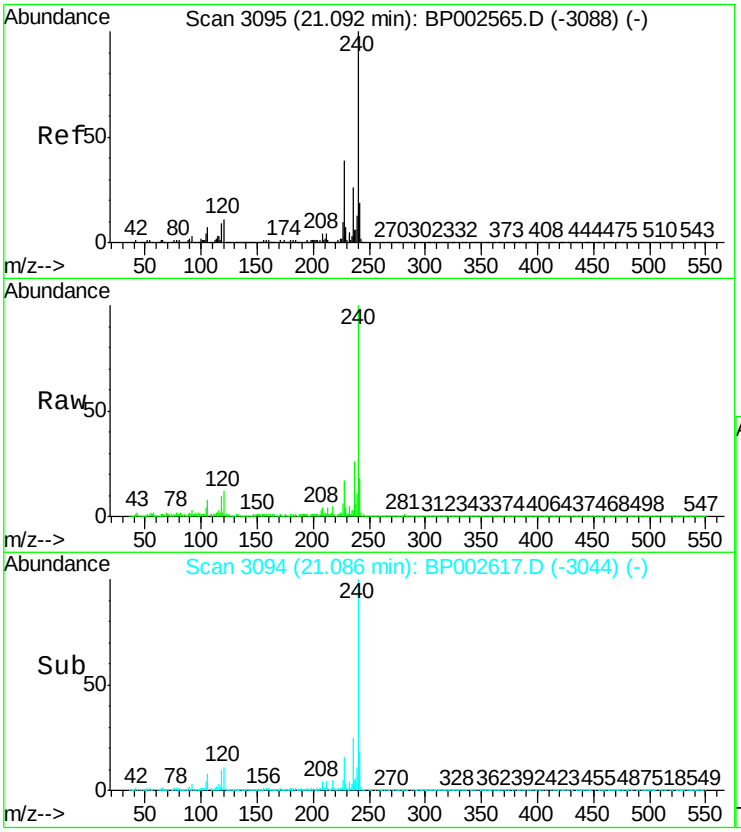


#75
Fluoranthene
Concen: 18.576 ng
RT: 19.01 min Scan# 2741
Delta R.T. -0.00 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Tgt Ion:202 Resp: 1850101

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.6
203	17.1	0.0	37.7



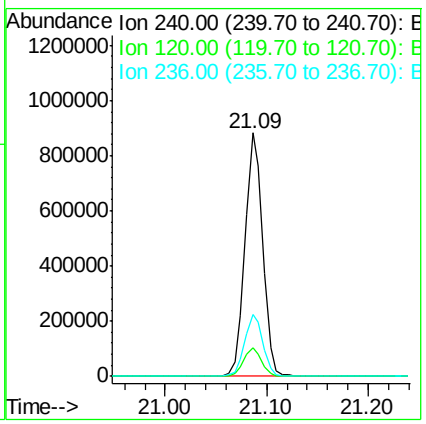


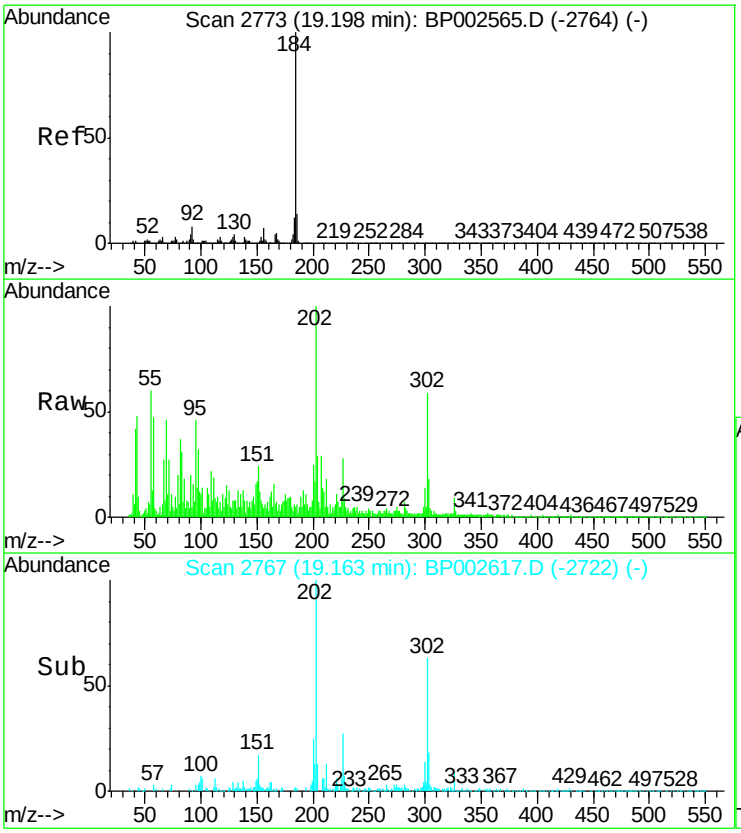
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Instrument :
BNA_P
ClientSampleId :
PL-02-063020

Tgt Ion:240 Resp: 1066590

Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.6	13.0
236	25.7	20.8	31.2

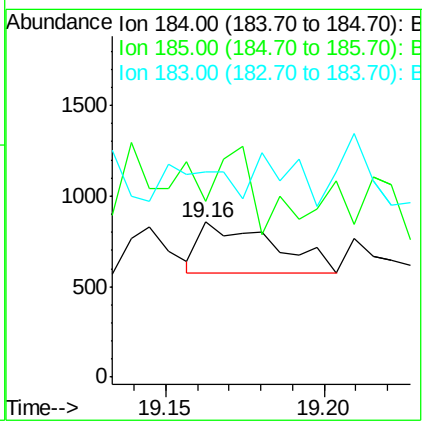


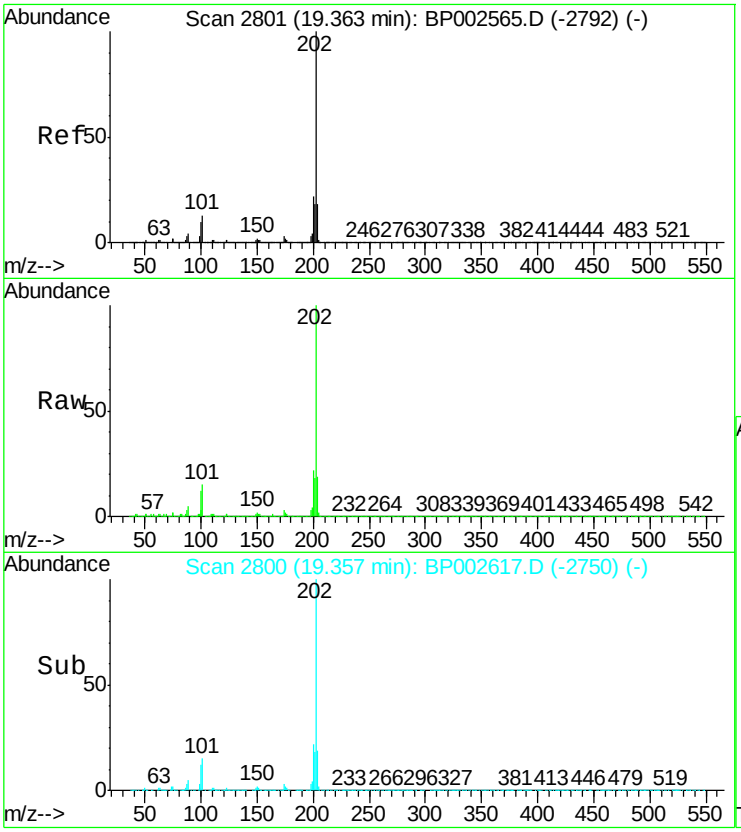


#77
Benzidine
Concen: 3.765 ng
RT: 19.16 min Scan# 2767
Delta R.T. -0.04 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Tgt Ion:184 Resp: 447

Ion	Ratio	Lower	Upper
184	100		
185	113.8	11.4	17.2#
183	132.6	9.2	13.8#



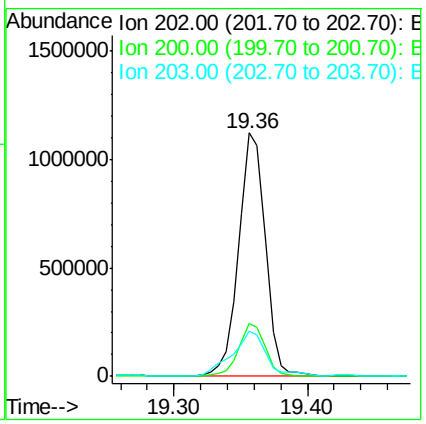


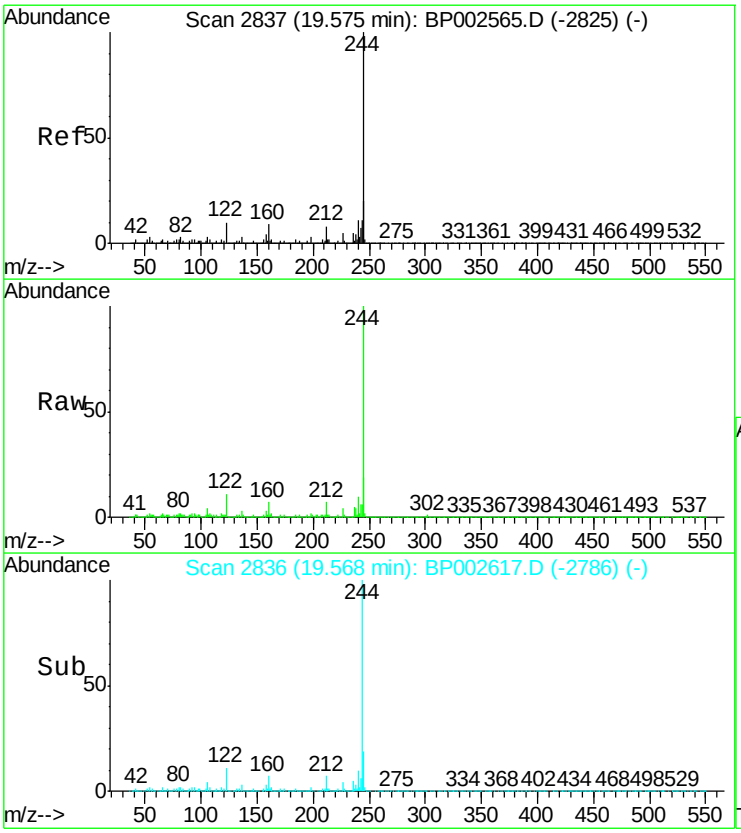
#78
Pyrene
Concen: 21.262 ng
RT: 19.36 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Instrument :
BNA_P
ClientSampleId :
PL-02-063020

Tgt Ion:202 Resp: 1543581

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	18.8	14.4	21.6

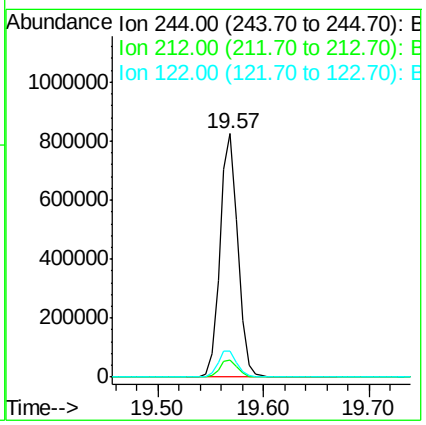


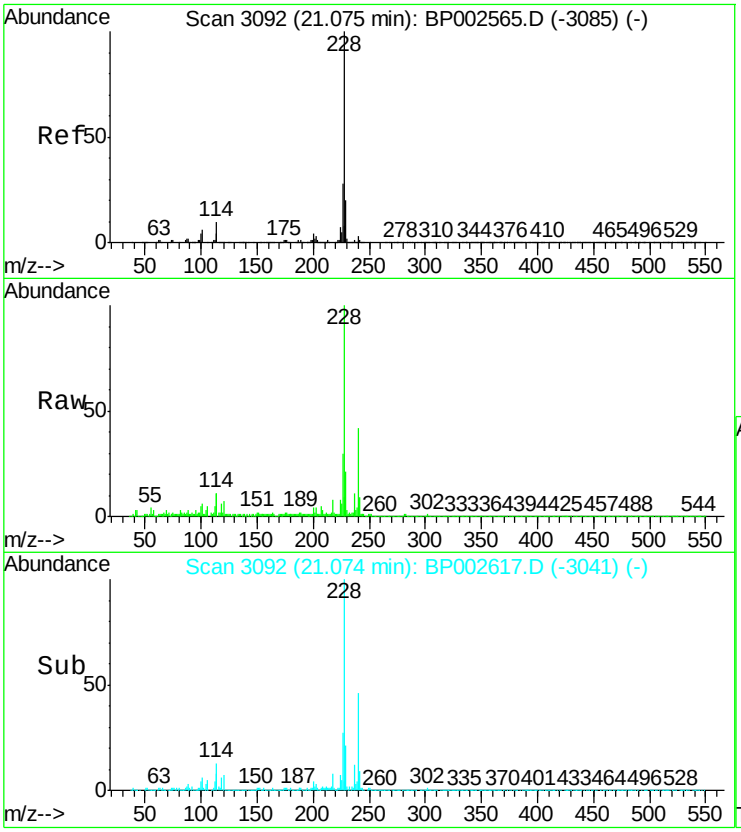


#79
Terphenyl-d14
Concen: 19.567 ng
RT: 19.57 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Tgt Ion:244 Resp: 966894

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.5	9.7
122	10.6	7.9	11.9



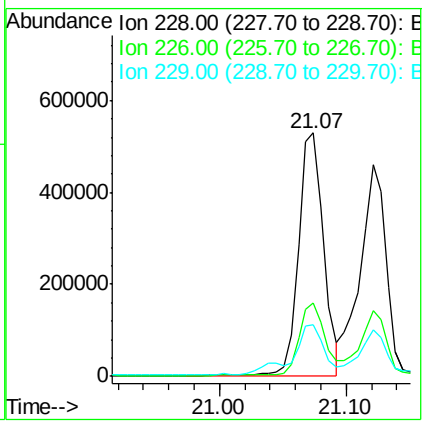


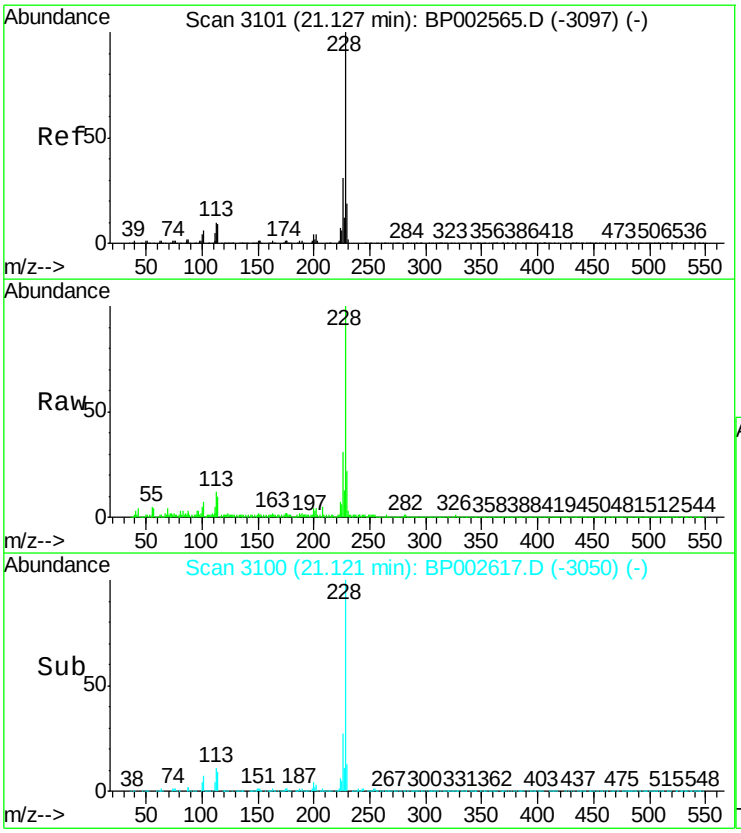
#81
Benzo(a)anthracene
Concen: 10.341 ng
RT: 21.07 min Scan# 3092
Delta R.T. -0.00 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Instrument :
BNA_P
ClientSampleId :
PL-02-063020

Tgt Ion:228 Resp: 721059

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.5	33.7
229	21.4	16.4	24.6

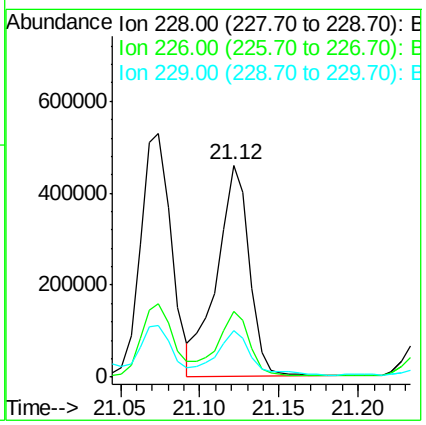


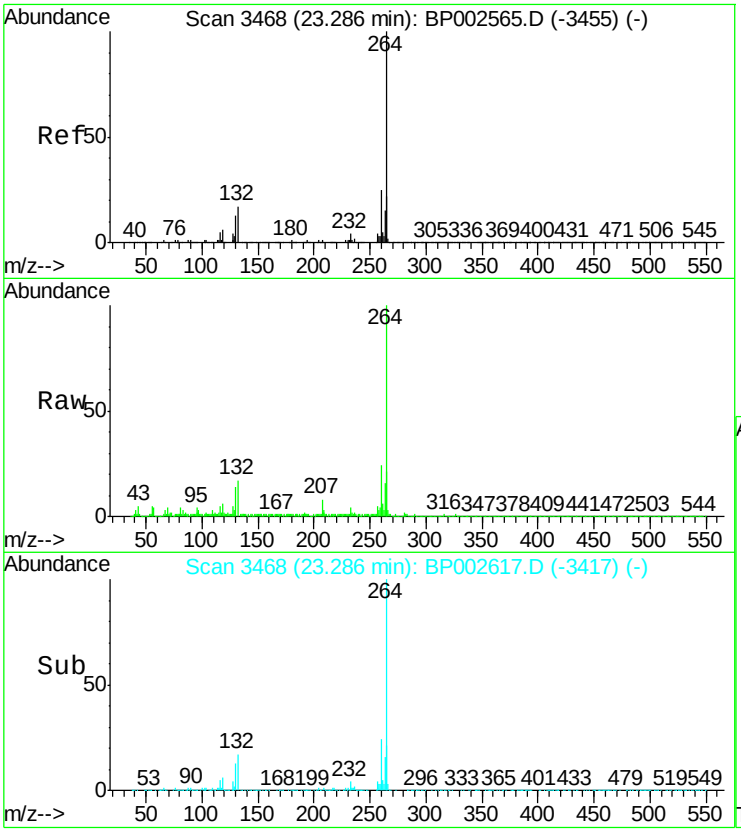


#83
Chrysene
Concen: 9.758 ng
RT: 21.12 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Tgt Ion:228 Resp: 652503

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.6	37.0
229	21.9	15.6	23.4



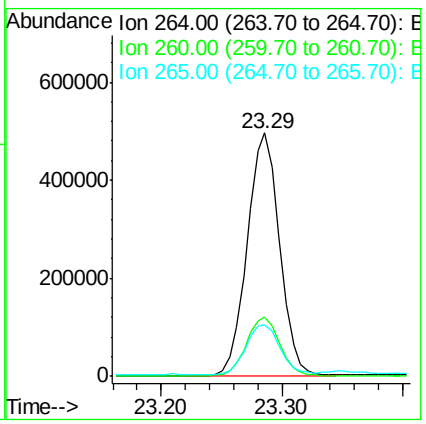


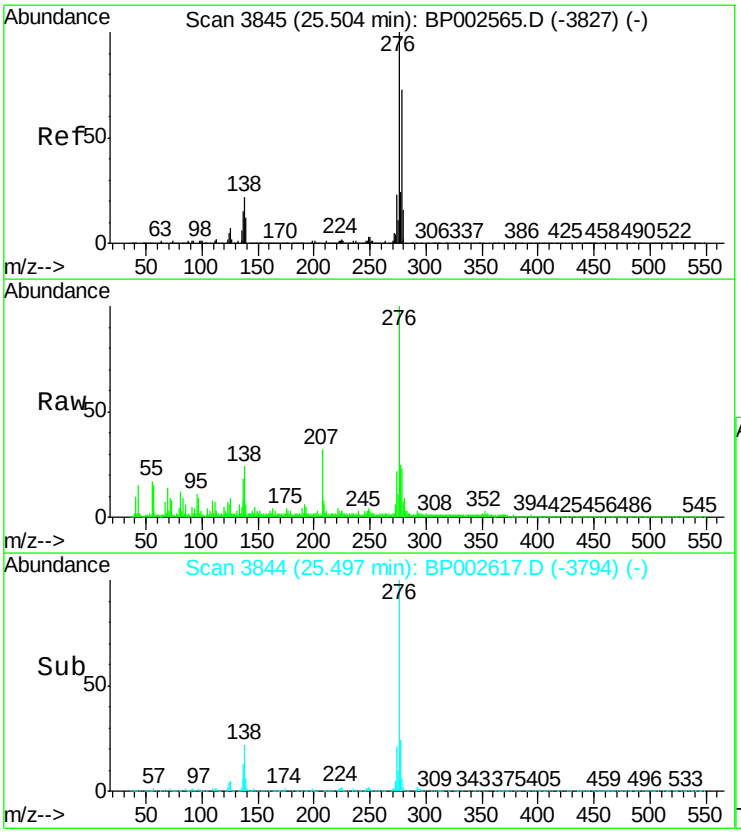
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. -0.00 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Instrument :
BNA_P
ClientSampleId :
PL-02-063020

Tgt Ion:264 Resp: 920994

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	21.4	17.6	26.4

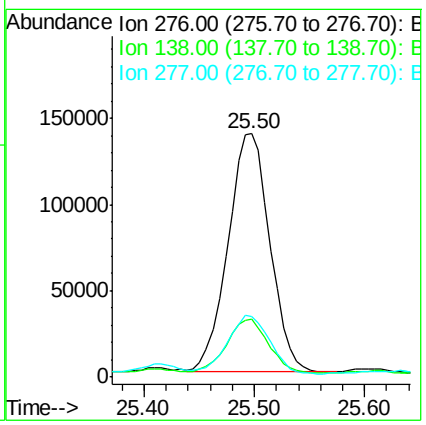


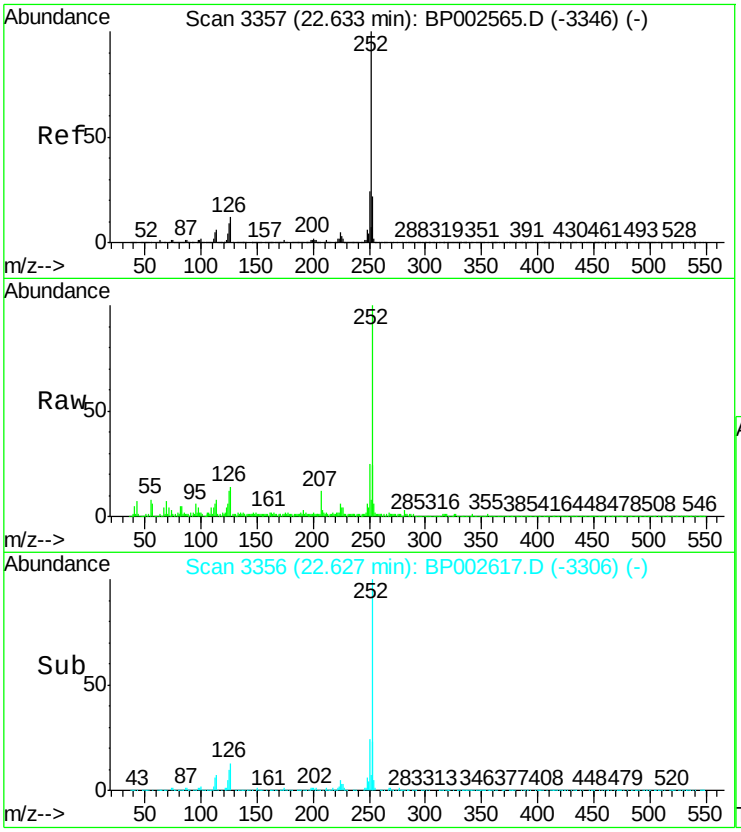


#87
Indeno(1,2,3-cd)pyrene
Concen: 5.549 ng
RT: 25.50 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Tgt Ion:276 Resp: 367952

Ion	Ratio	Lower	Upper
276	100		
138	22.8	18.6	27.8
277	24.6	20.1	30.1



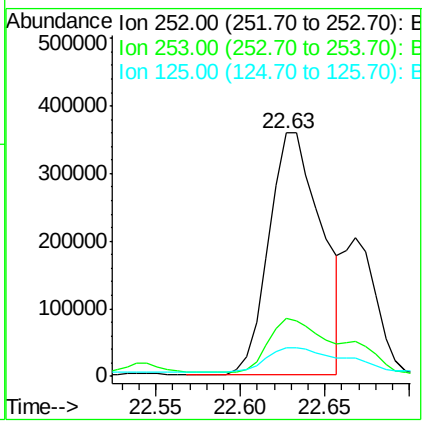


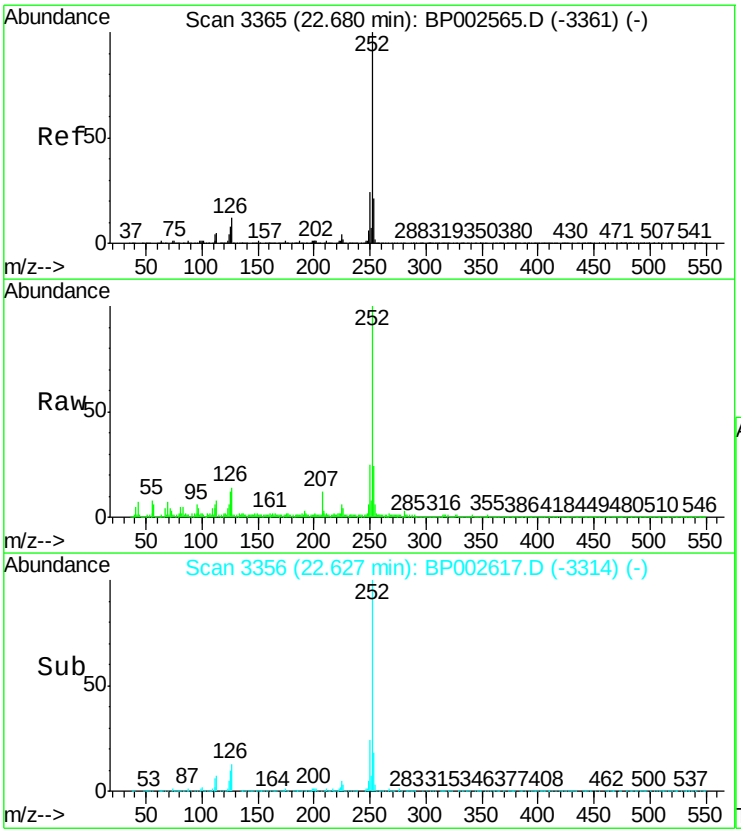
#88
Benzo(b)fluoranthene
Concen: 13.221 ng
RT: 22.63 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Instrument :
BNA_P
ClientSampleId :
PL-02-063020

Tgt Ion:252 Resp: 776982

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.7	26.5
125	11.9	7.4	11.2#

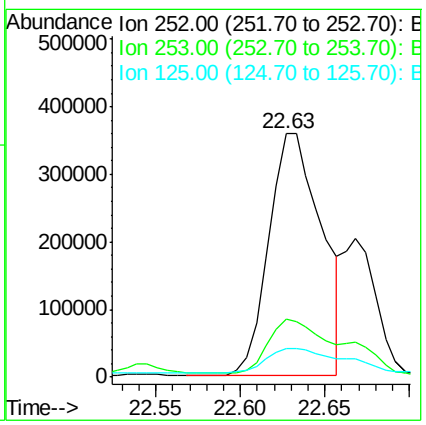


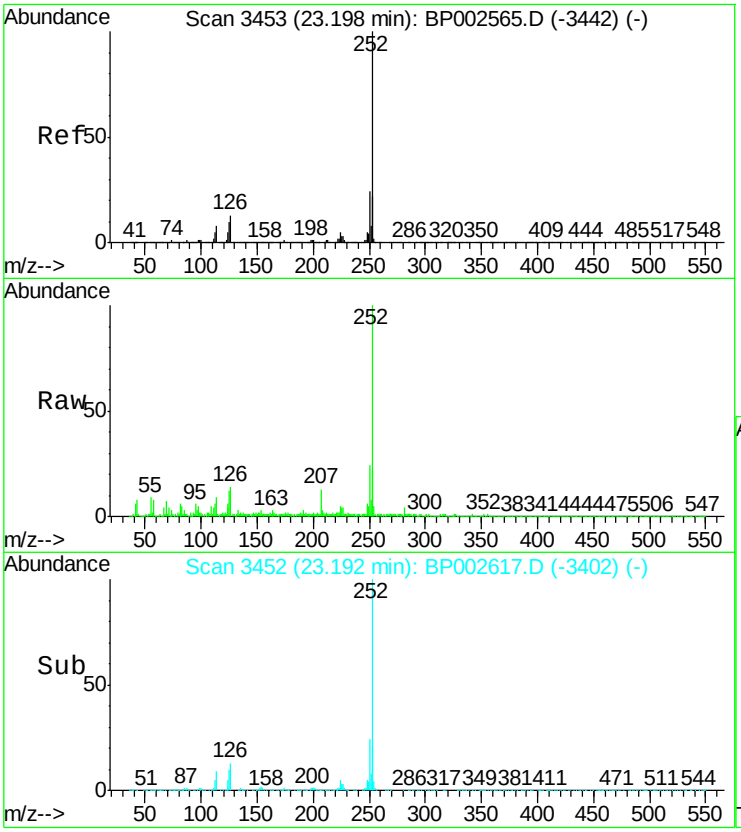


#89
Benzo(k)fluoranthene
Concen: 14.172 ng
RT: 22.63 min Scan# 3356
Delta R.T. -0.05 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Tgt Ion:252 Resp: 776982

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	11.9	6.9	10.3#



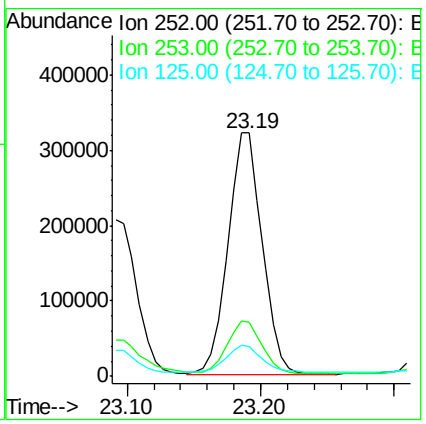


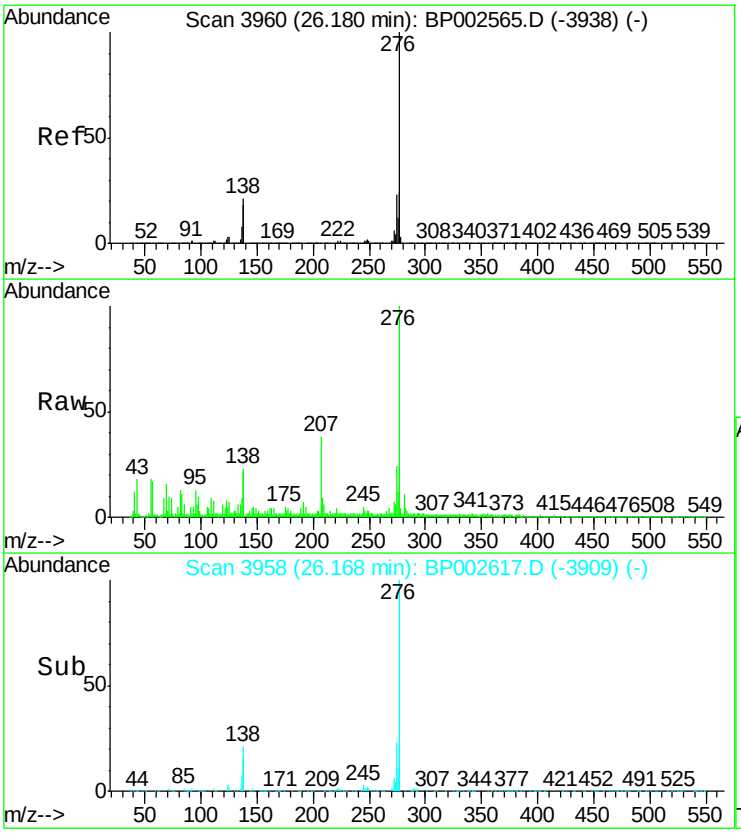
#90
Benzo(a)pyrene
Concen: 10.569 ng
RT: 23.19 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Instrument :
BNA_P
ClientSampleId :
PL-02-063020

Tgt Ion:252 Resp: 569974

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	12.2	7.8	11.8#





#92
Benzo(g,h,i)perylene
Concen: 6.509 ng
RT: 26.17 min Scan# 3958
Delta R.T. -0.01 min
Lab File: BP002617.D
Acq: 01 Jul 2020 22:28

Tgt Ion:276 Resp: 352732

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.3	28.9
138	23.3	16.9	25.3