Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
Data File : BP002685.D
Acq On : 08 Jul 2020 20:51
Operator : CG/JU
Sample : L3183-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-070720

Quant Time: Jul 09 00:38:42 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	178553	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	802195	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	537220	20.00	ng		0.00
64) Phenanthrene-d10	16.98	188	1287359	20.00	ng		0.00
76) Chrysene-d12	21.09	240	943209	20.00	ng		0.00
86) Perylene-d12	23.29	264	872266	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	319755	30.32	ng		0.00
7) Phenol-d6	6.77	99	489850	33.28	ng		0.00
23) Nitrobenzene-d5	8.71	82	297233	19.09	ng		-0.01
42) 2,4,6-Tribromophenol	15.72	330	200486	30.68	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	745132	20.41	ng		0.00
79) Terphenyl-d14	19.57	244	1278001	29.25	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.73	77	854	Below Cal		#	68
32) Benzoic acid	9.72	122	504	8.746	ng	#	72
41) Hexachlorocyclopentadiene	12.30	237	11	4.383	ng		87
49) Acenaphthylene	13.93	152	636756	12.231	ng		99
50) Dimethylphthalate	13.68	163	125382	2.972	ng		100
54) 2,4-Dinitrophenol	14.33	184	87	6.023	ng	#	1
56) 4-Nitrophenol	14.44	139	1407	2.610	ng		87
58) Fluorene	15.27	166	151745	4.003	ng		99
65) 4,6-Dinitro-2-methylphenol	15.36	198	65	2.717	ng	#	1
70) Pentachlorophenol	16.47	266	28	2.665	ng		89
71) Phenanthrene	17.02	178	1722753	24.872	ng		99
72) Anthracene	17.11	178	879266	12.757	ng		99
73) Carbazole	17.39	167	135379	2.032	ng		98
75) Fluoranthene	19.01	202	4281005	51.061	ng		97
77) Benzidine	19.17	184	3777	3.842	ng	#	1
78) Pyrene	19.36	202	4348056	67.725	ng		97
81) Benzo(a)anthracene	21.08	228	2536696	41.137	ng		94
83) Chrysene	21.13	228	2392525	40.462	ng		96
87) Indeno(1,2,3-cd)pyrene	25.52	276	1474817	23.483	ng		100
88) Benzo(b)fluoranthene	22.64	252	3950686	70.981	ng		97
89) Benzo(k)fluoranthene	22.64	252	3950686	76.086	ng	#	96
90) Benzo(a)pyrene	23.20	252	2120503	41.517	ng		98
91) Dibenzo(a,h)anthracene	25.52	278	412389	8.036	ng	#	82
92) Benzo(g,h,i)perylene	26.19	276	1438806	28.033	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
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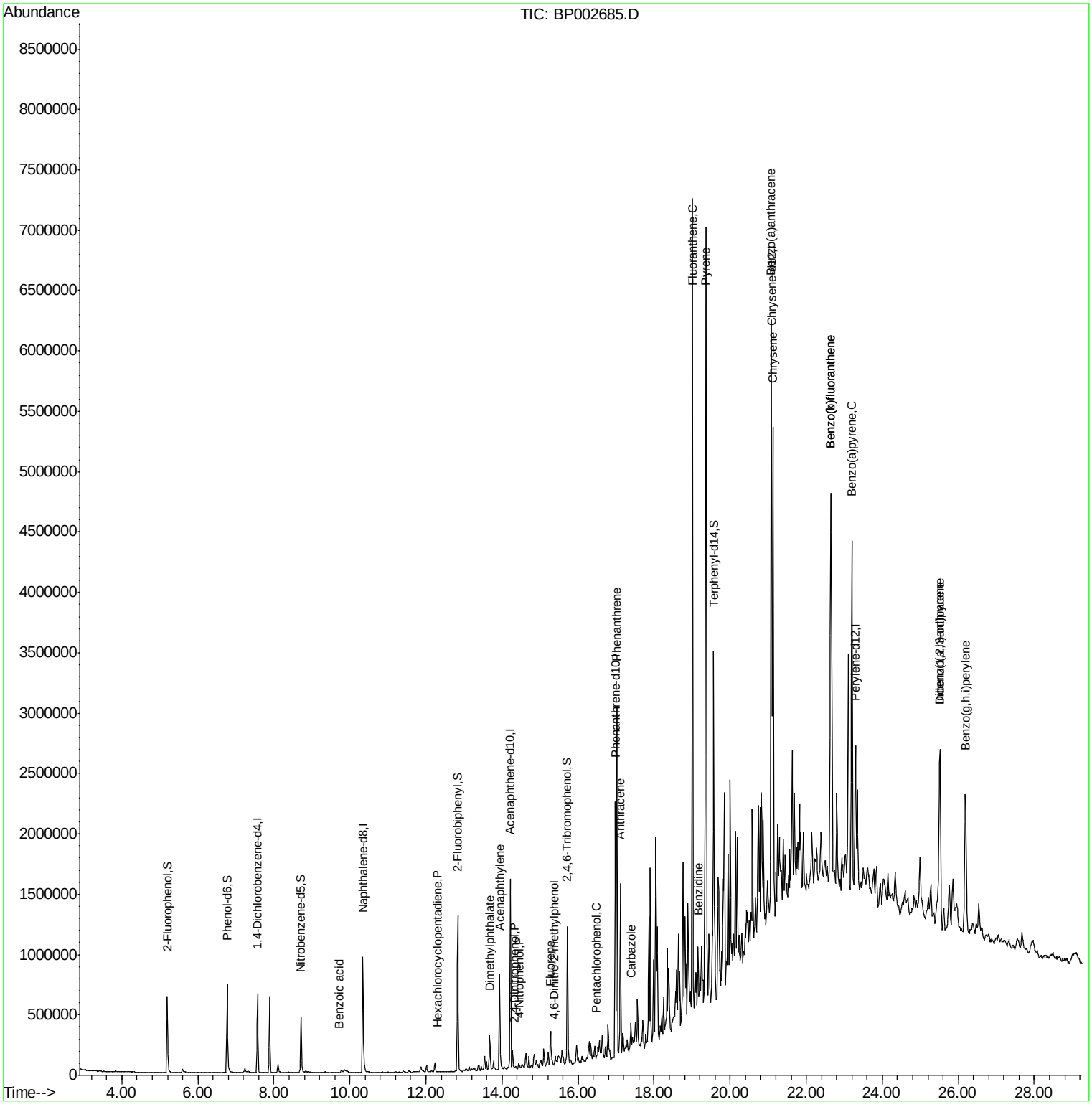
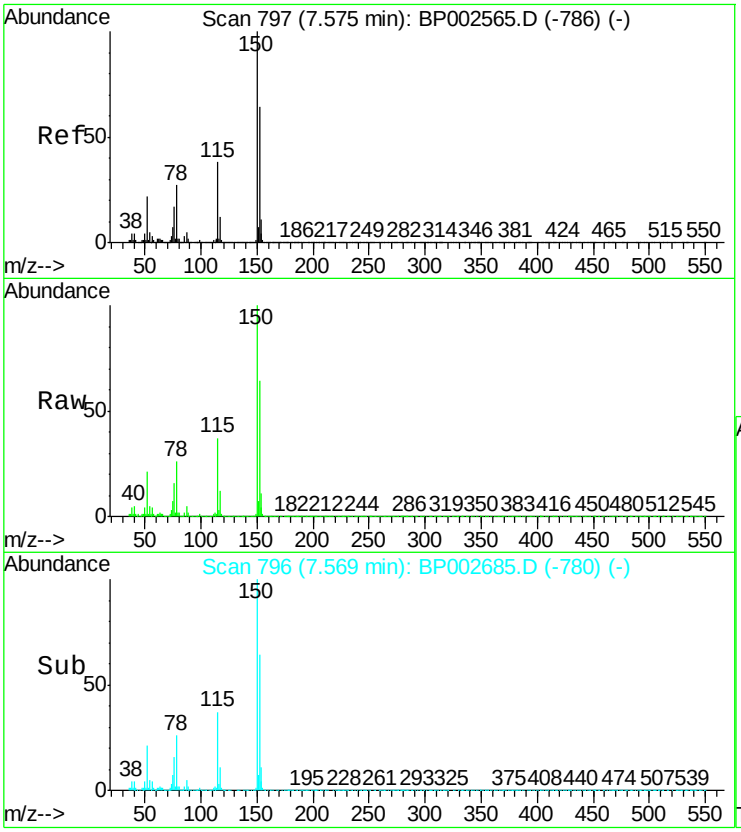
Acq On : 08 Jul 2020 20:51
Operator : CG/JU
Sample : L3183-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OK-02-070720

Quant Time: Jul 09 00:38:42 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



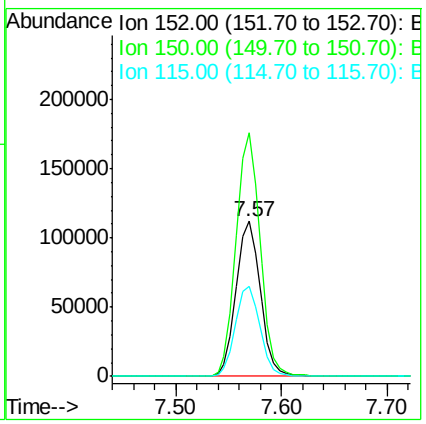


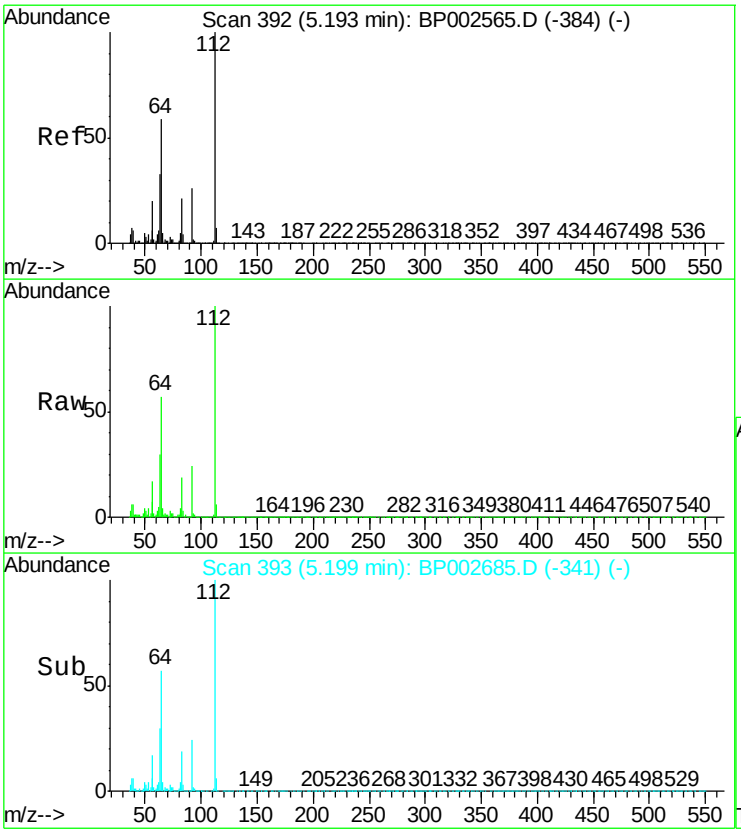
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Instrument :
BNA_P
ClientSampleId :
OK-02-070720

Tgt Ion:152 Resp: 178553

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.2	186.2
115	57.9	47.1	70.7

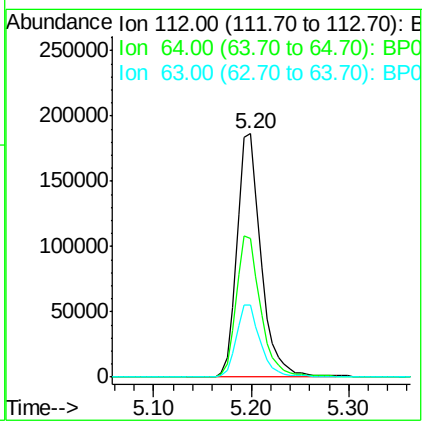


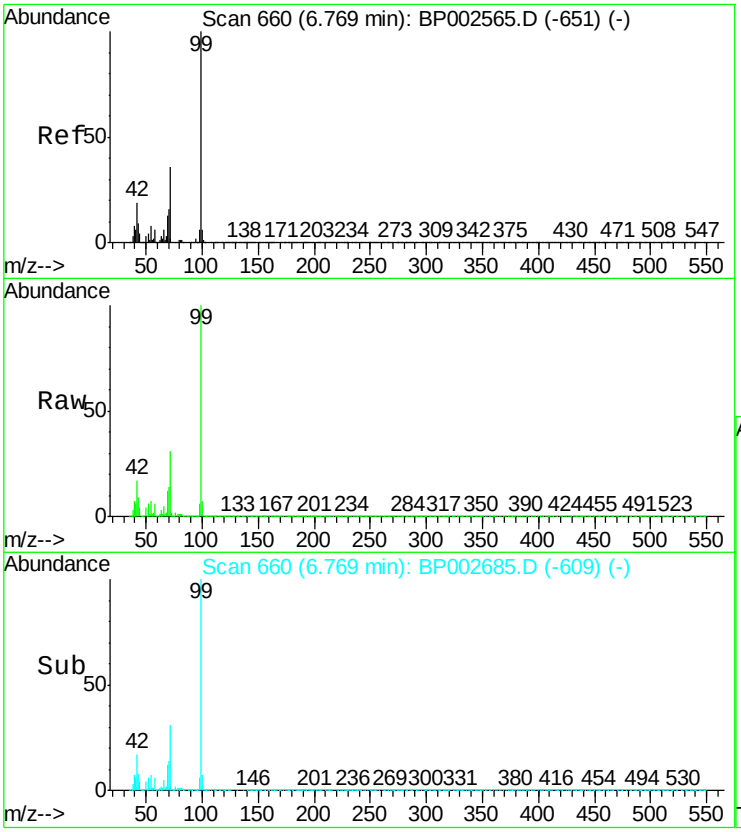


#5
2-Fluorophenol
Concen: 30.320 ng
RT: 5.20 min Scan# 393
Delta R.T. 0.01 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Tgt Ion:112 Resp: 319755

Ion	Ratio	Lower	Upper
112	100		
64	57.0	47.0	70.6
63	29.7	26.1	39.1



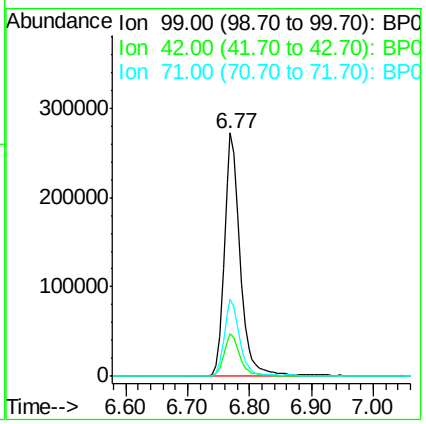


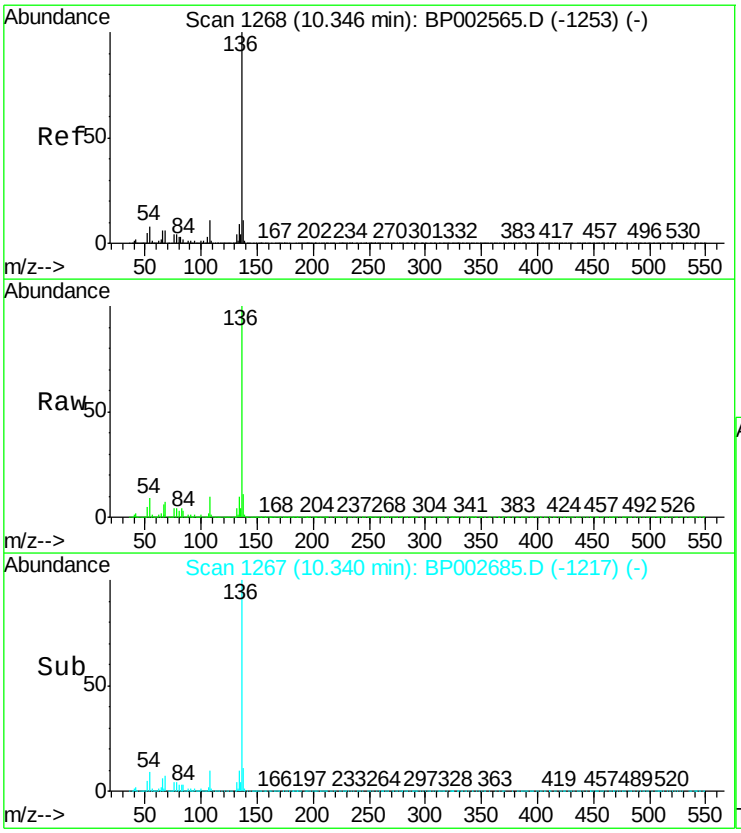
#7
Phenol-d6
Concen: 33.279 ng
RT: 6.77 min Scan# 660
Delta R.T. -0.00 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Instrument :
BNA_P
ClientSampleId :
OK-02-070720

Tgt Ion: 99 Resp: 489850

Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.5	23.3
71	31.5	28.9	43.3

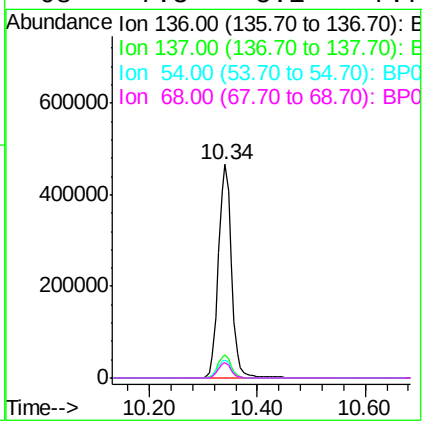


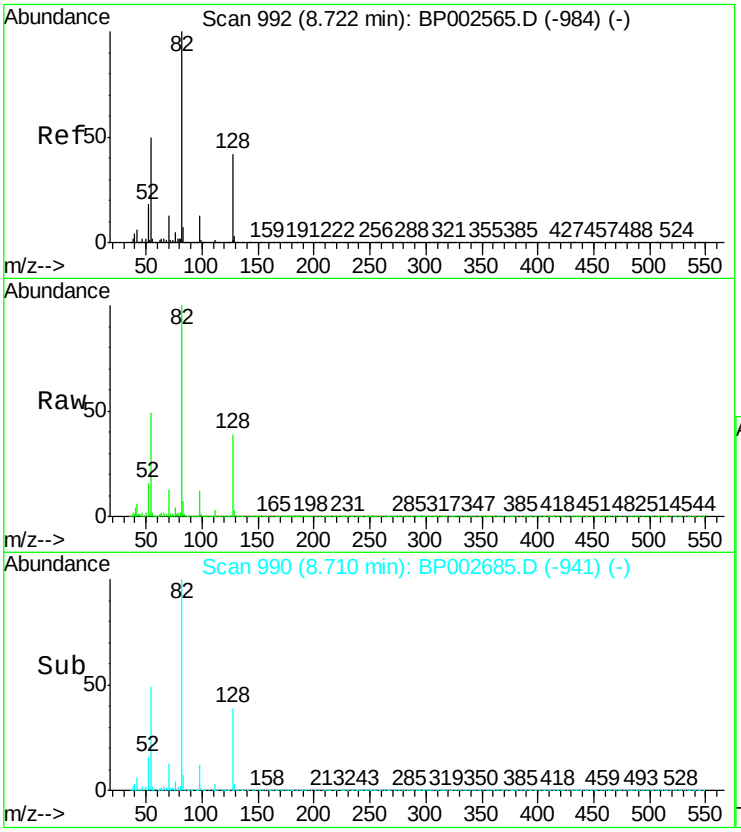


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Tgt Ion:136 Resp: 802195

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.6	6.4	9.6
68	7.3	5.1	7.7



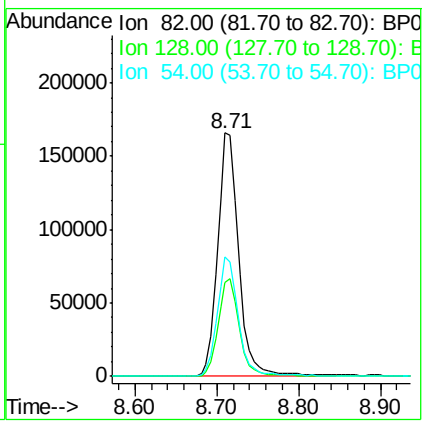


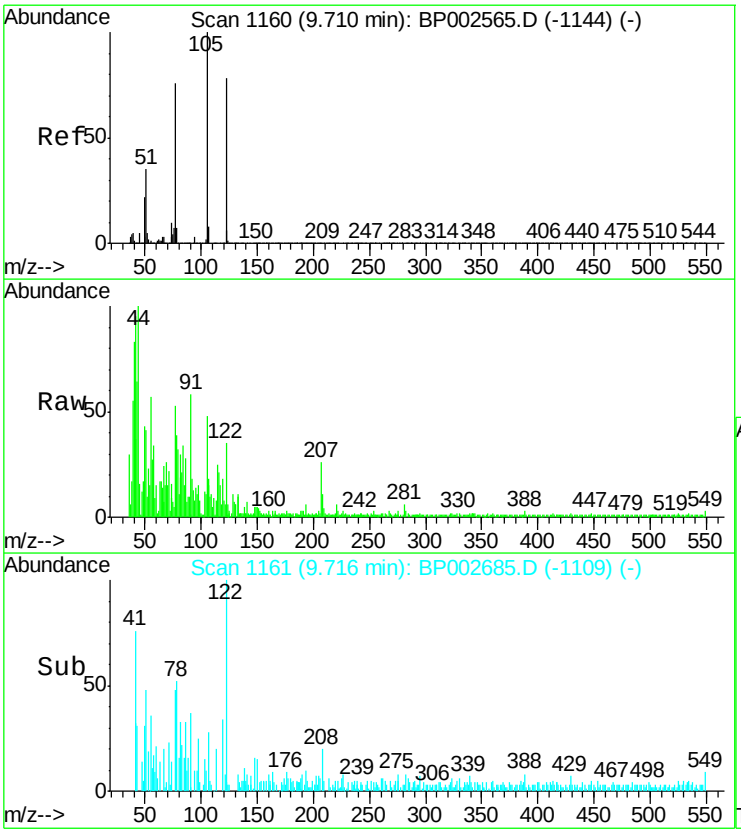
#23
Nitrobenzene-d5
Concen: 19.091 ng
RT: 8.71 min Scan# 990
Delta R.T. -0.01 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Instrument :
BNA_P
ClientSampleId :
OK-02-070720

Tgt Ion: 82 Resp: 297233

Ion	Ratio	Lower	Upper
82	100		
128	38.8	33.4	50.2
54	49.2	40.1	60.1

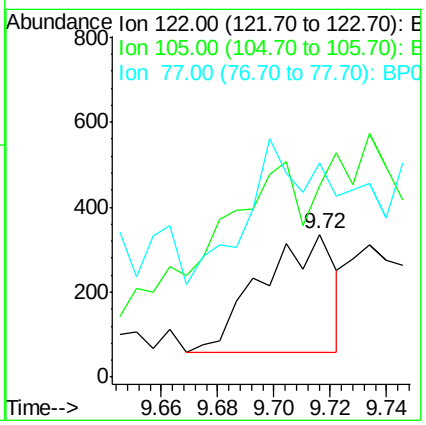


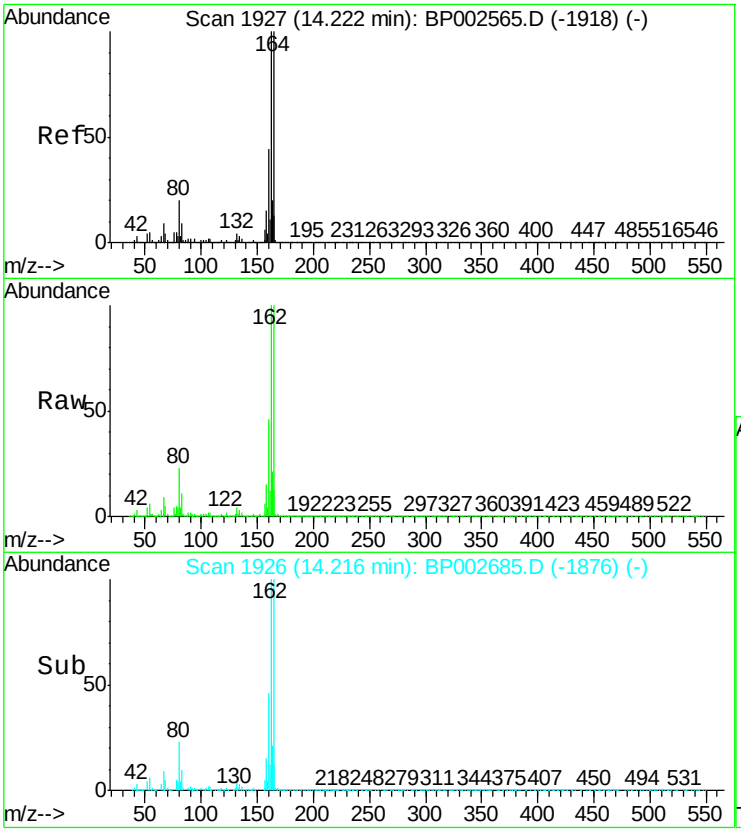


#32
Benzoic acid
Concen: 8.746 ng
RT: 9.72 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Tgt Ion:122 Resp: 504

Ion	Ratio	Lower	Upper
122	100		
105	134.2	106.6	146.6
77	150.3	76.5	116.5#



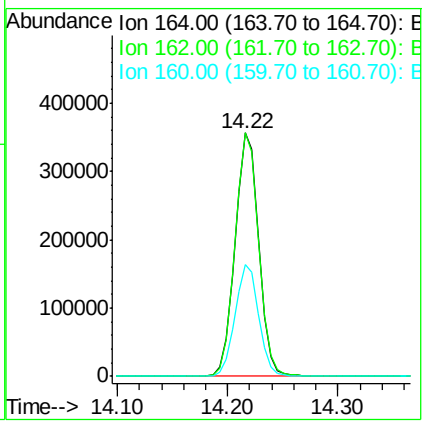


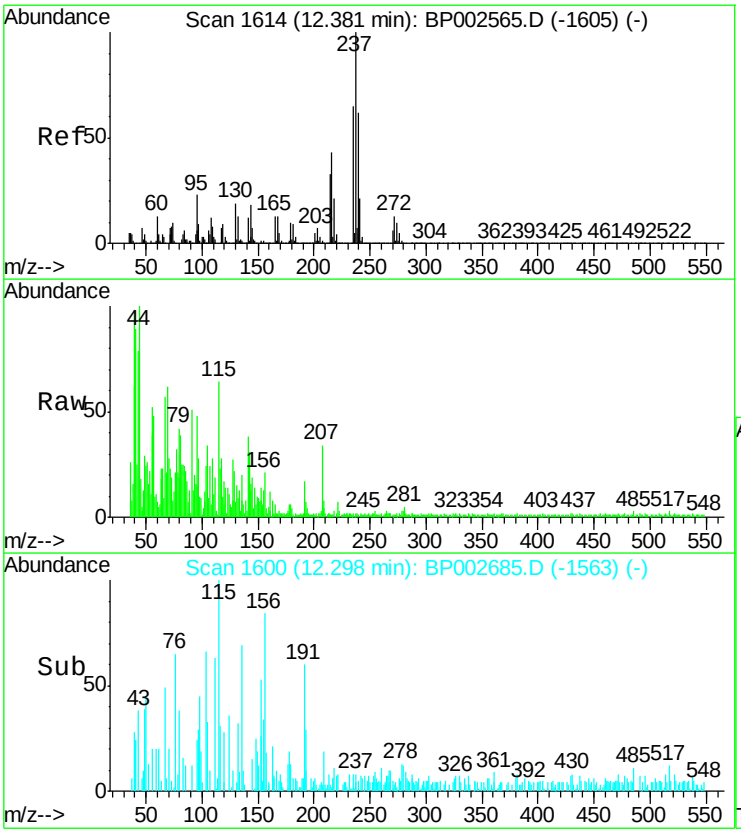
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Instrument :
BNA_P
ClientSampleId :
OK-02-070720

Tgt Ion:164 Resp: 537220

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.3	120.5
160	46.2	35.0	52.6

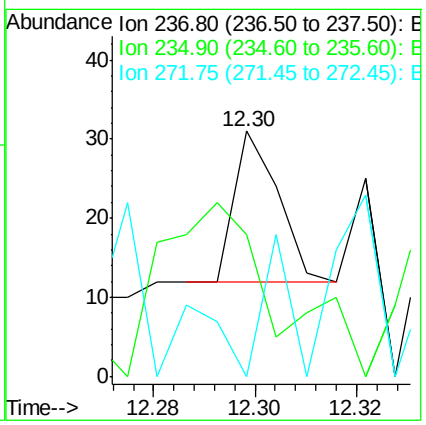


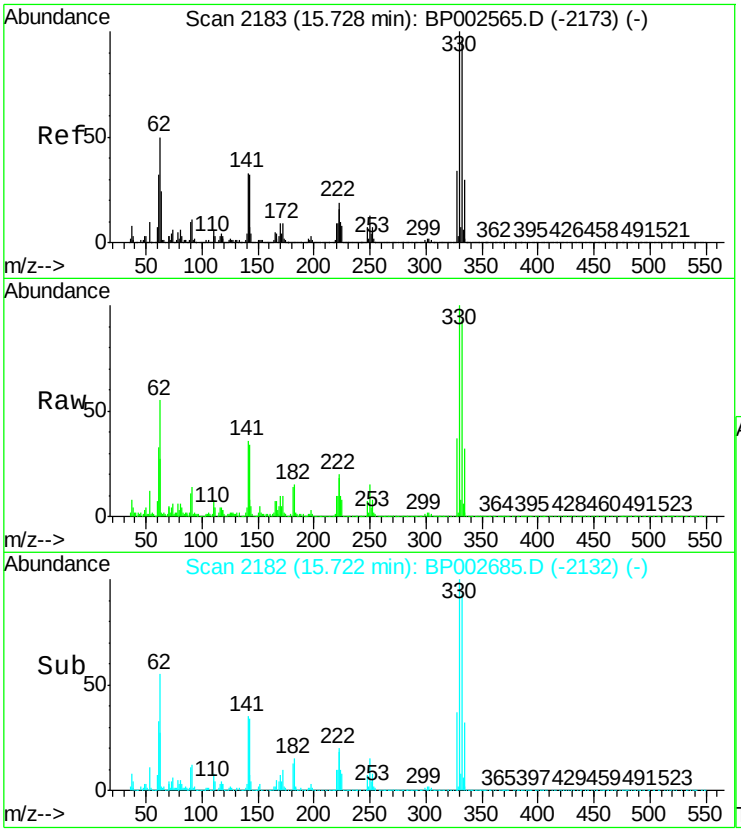


#41
Hexachlorocyclopentadiene
Concen: 4.383 ng
RT: 12.30 min Scan# 1600
Delta R.T. -0.08 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Tgt Ion:237 Resp: 11

Ion	Ratio	Lower	Upper
237	100		
235	58.1	45.4	85.4
272	0.0	0.0	32.6



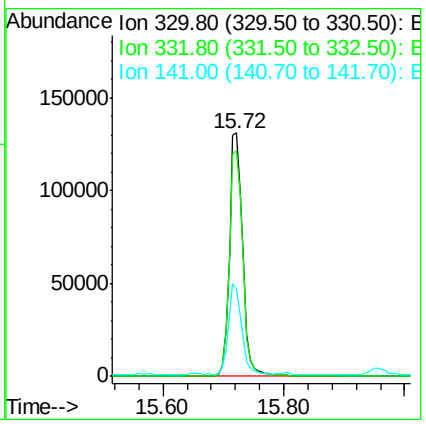


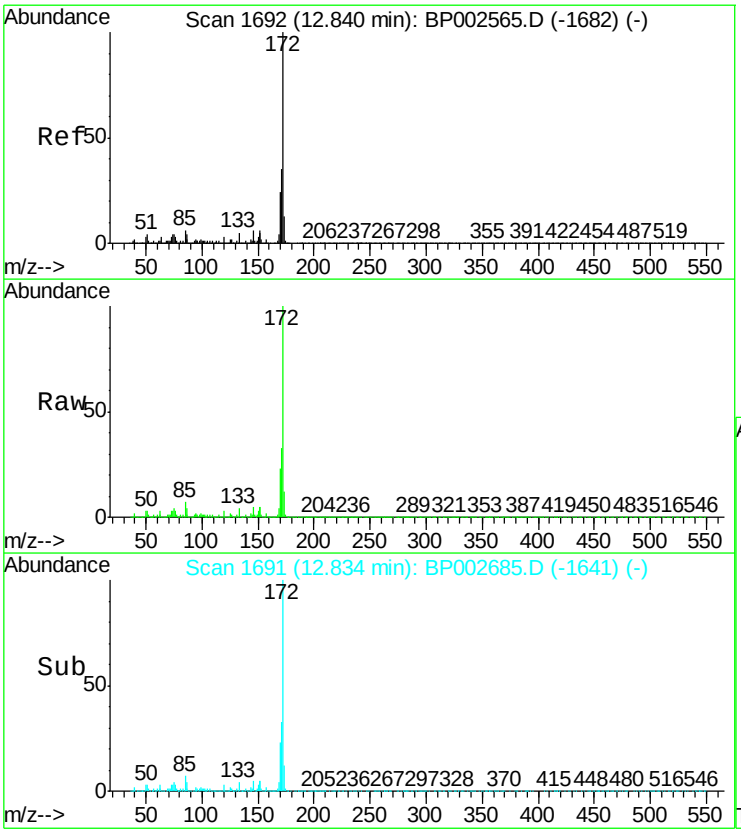
#42
2,4,6-Tribromophenol
Concen: 30.683 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Instrument :
BNA_P
ClientSampleId :
OK-02-070720

Tgt Ion:330 Resp: 200486

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.7	116.5
141	37.5	29.0	43.6

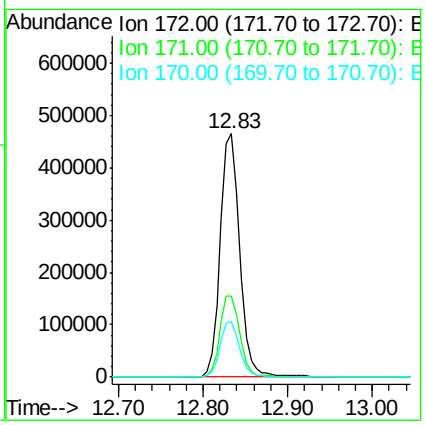


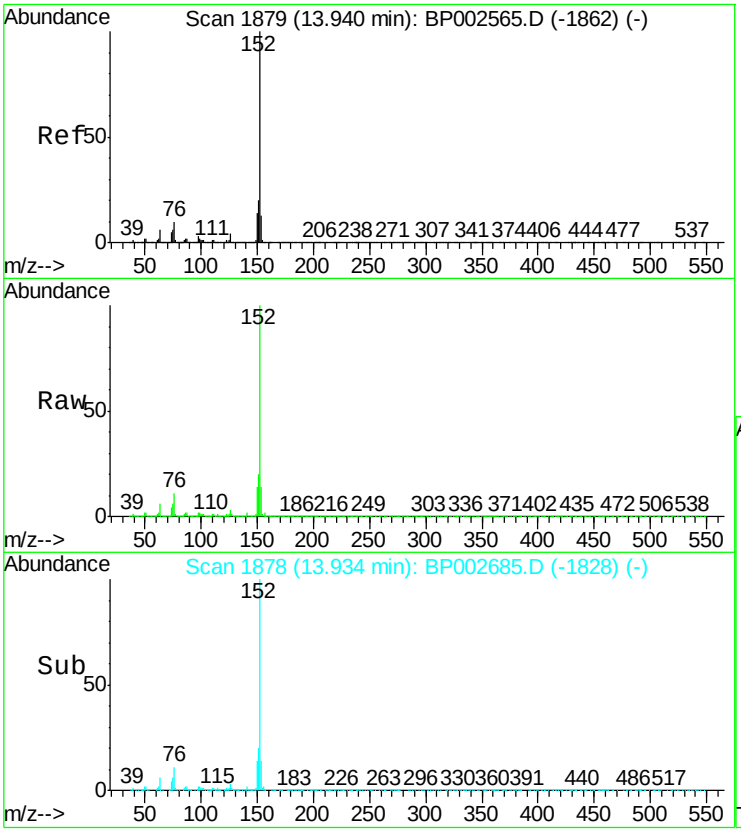


#45
2-Fluorobiphenyl
Concen: 20.415 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Tgt Ion:172 Resp: 745132

Ion	Ratio	Lower	Upper
172	100		
171	33.2	28.0	42.0
170	23.0	19.0	28.4



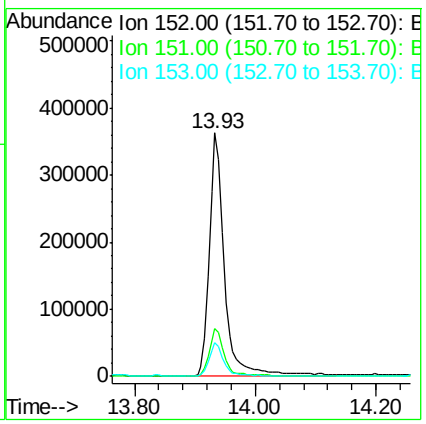


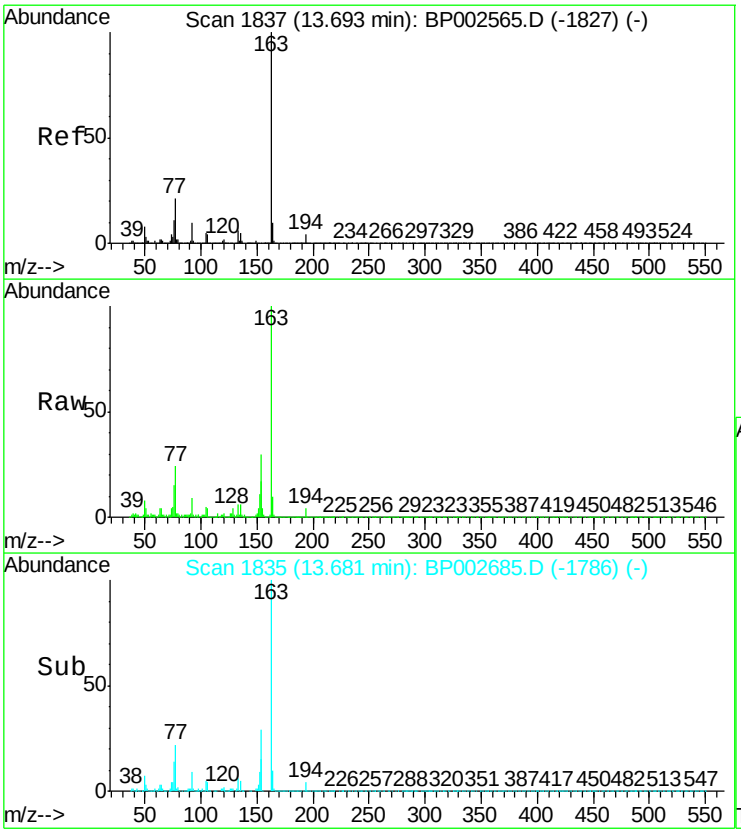
#49
Acenaphthylene
Concen: 12.231 ng
RT: 13.93 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Instrument :
BNA_P
ClientSampleId :
OK-02-070720

Tgt Ion:152 Resp: 636756

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.6	10.2	15.2

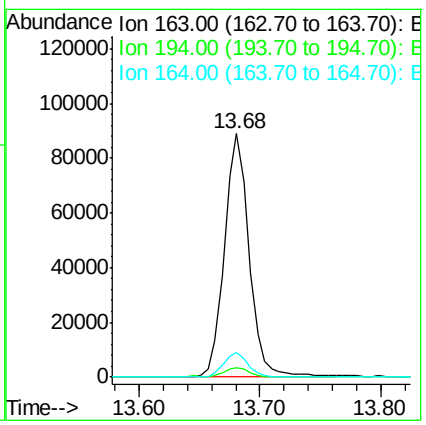


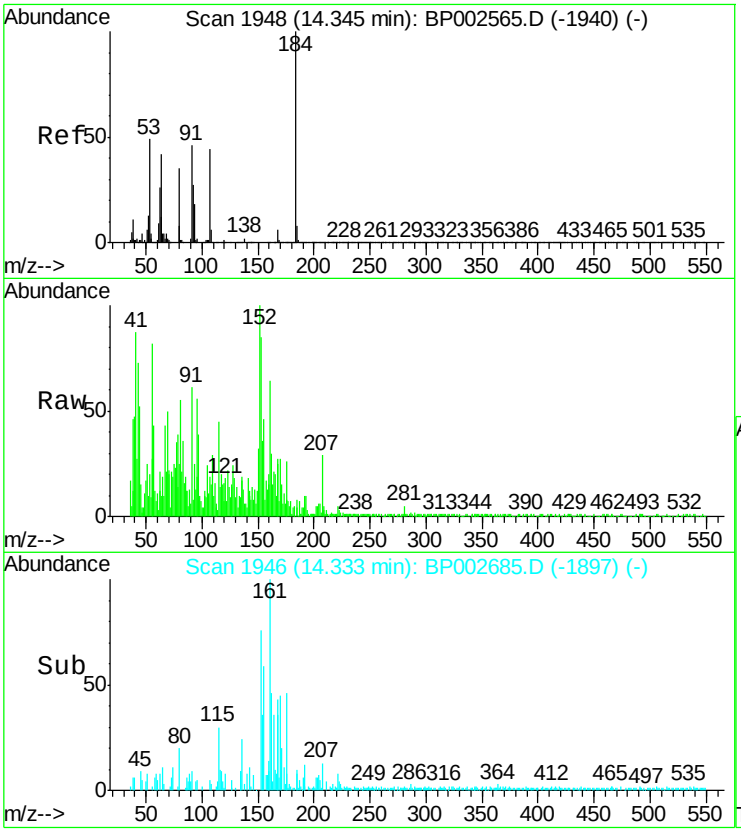


#50
Dimethylphthalate
Concen: 2.972 ng
RT: 13.68 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Tgt Ion:163 Resp: 125382

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	10.3	8.2	12.4



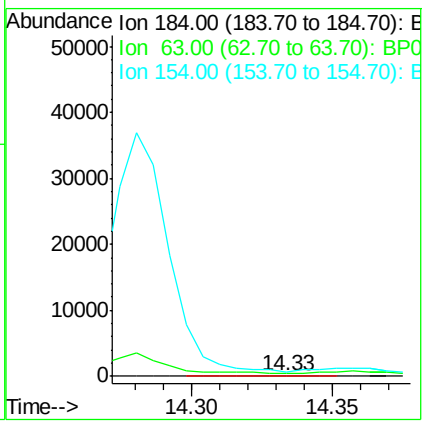


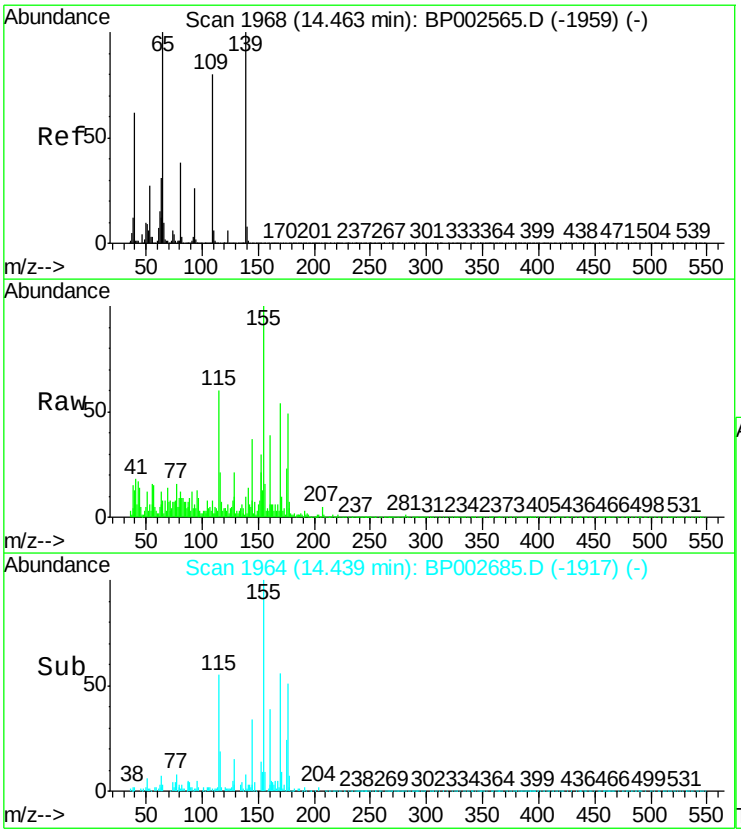
#54
2,4-Dinitrophenol
Concen: 6.023 ng
RT: 14.33 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Instrument :
BNA_P
ClientSampleId :
OK-02-070720

Tgt Ion:184 Resp: 87

Ion	Ratio	Lower	Upper
184	100		
63	532.9	56.2	84.2#
154	884.9	50.9	76.3#

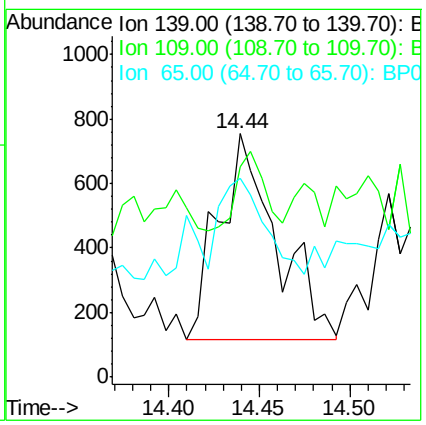


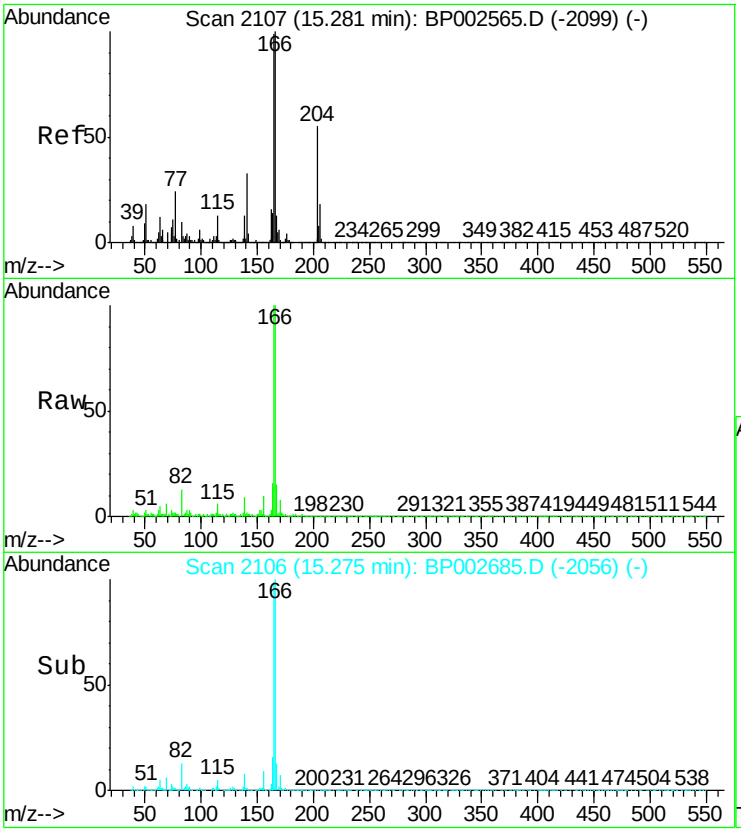


#56
4-Nitrophenol
Concen: 2.610 ng
RT: 14.44 min Scan# 1964
Delta R.T. -0.02 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Tgt Ion:139 Resp: 1407

Ion	Ratio	Lower	Upper
139	100		
109	86.2	60.1	100.1
65	81.7	80.3	120.3



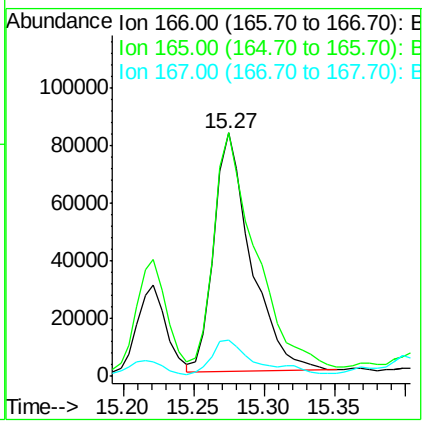


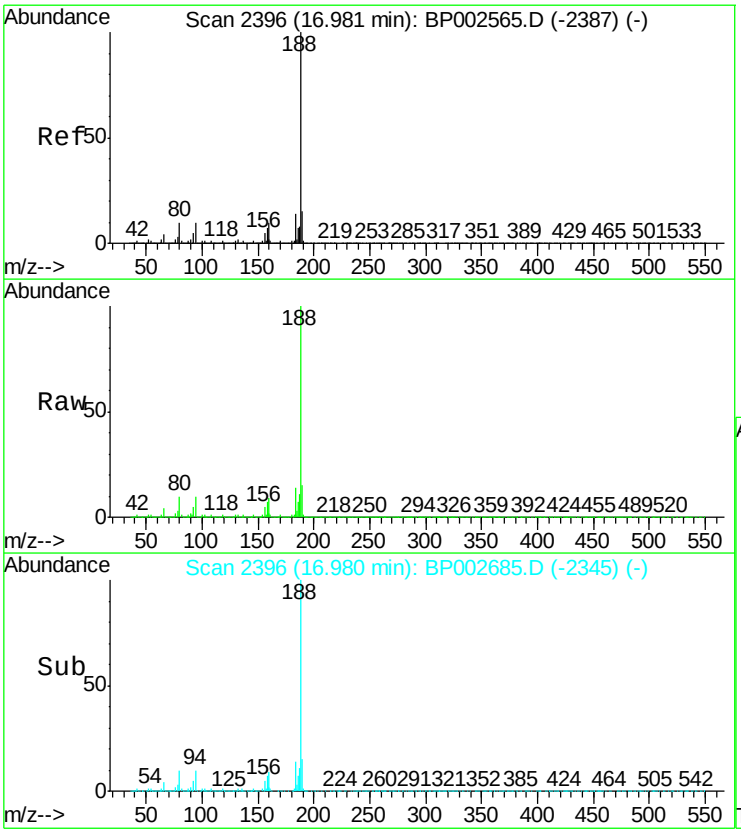
#58
Fluorene
Concen: 4.003 ng
RT: 15.27 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Instrument :
BNA_P
ClientSampleId :
OK-02-070720

Tgt Ion:166 Resp: 151745

Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.1	118.7
167	15.0	10.8	16.2

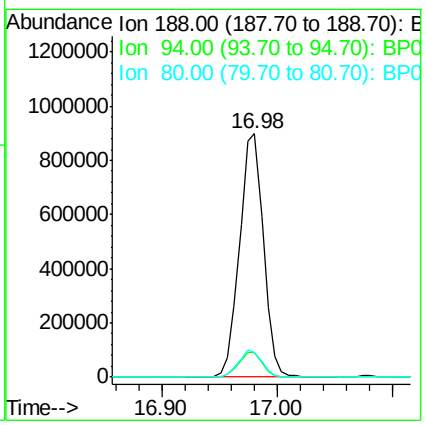


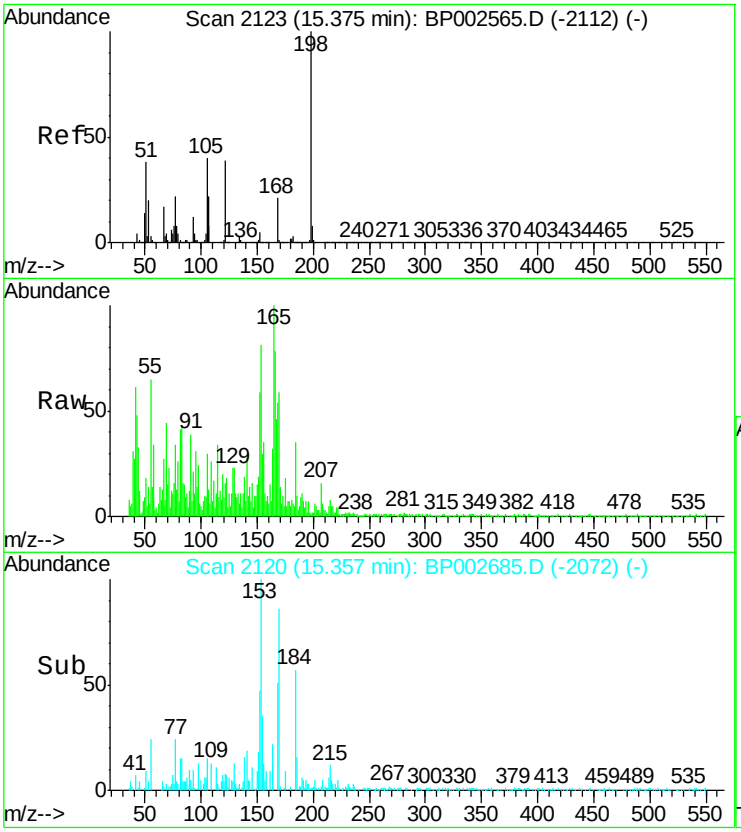


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Tgt Ion:188 Resp: 1287359

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.8	11.6
80	10.4	8.2	12.4



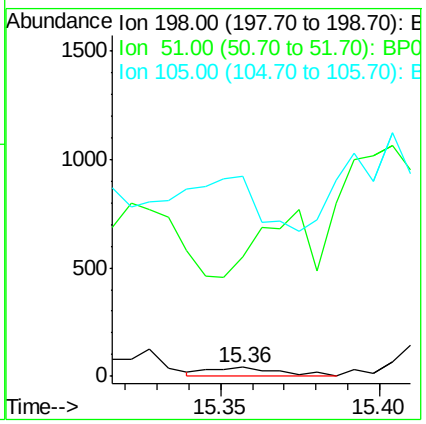


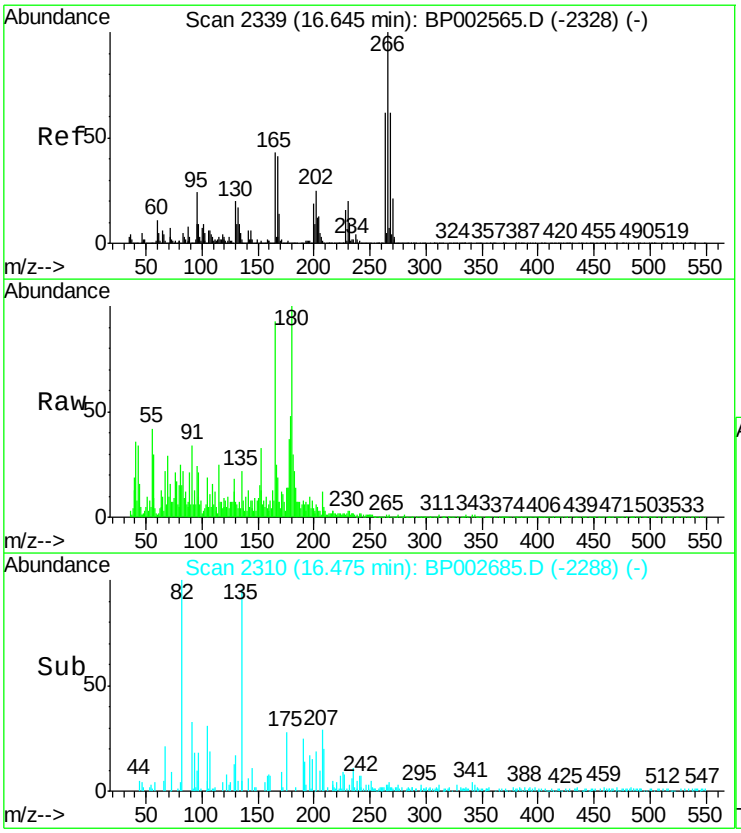
#65
4,6-Dinitro-2-methylphenol
Concen: 2.717 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.02 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Instrument :
BNA_P
ClientSampleId :
OK-02-070720

Tgt Ion:198 Resp: 65

Ion	Ratio	Lower	Upper
198	100		
51	1314.3	24.2	64.2#
105	2195.2	20.7	60.7#

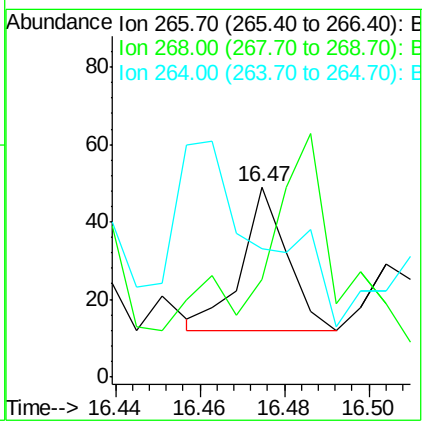


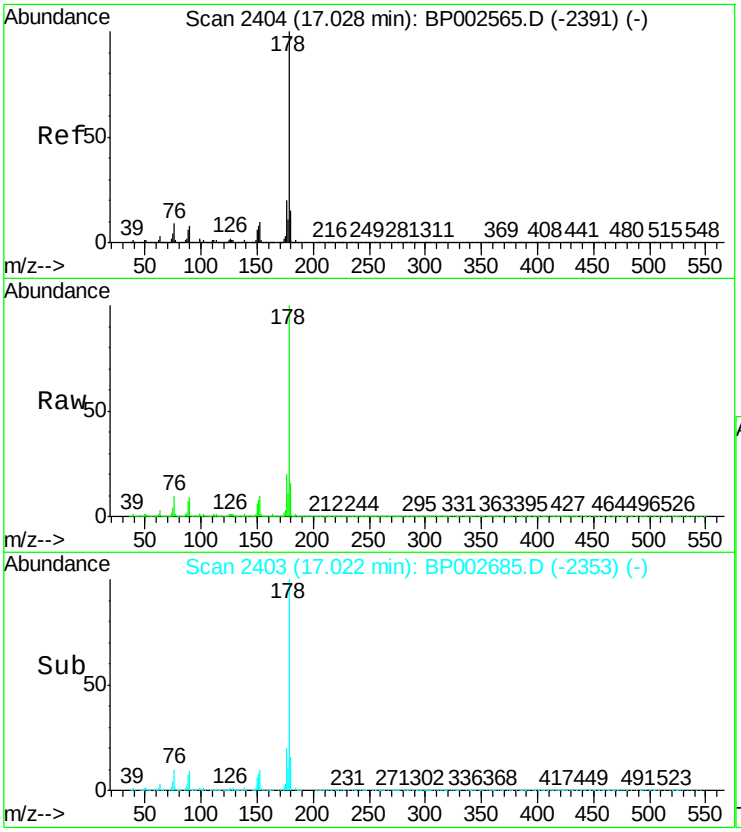


#70
Pentachlorophenol
Concen: 2.665 ng
RT: 16.47 min Scan# 2310
Delta R.T. -0.17 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Tgt Ion:266 Resp: 28

Ion	Ratio	Lower	Upper
266	100		
268	51.0	49.7	74.5
264	67.3	49.3	73.9



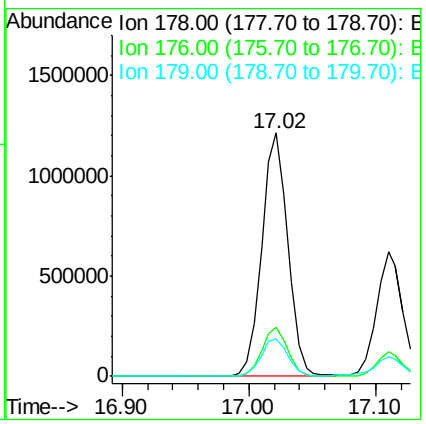


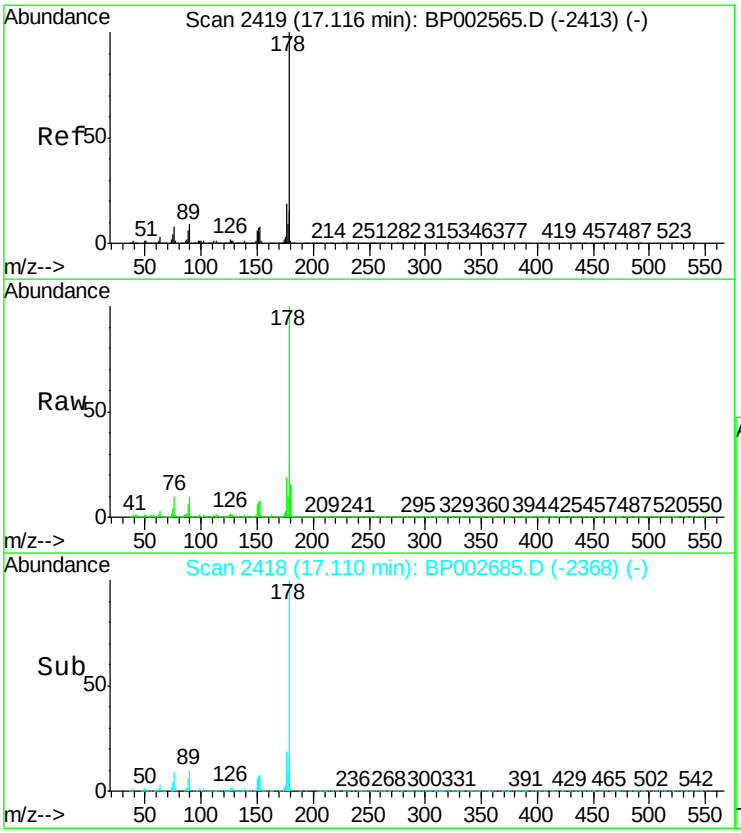
#71
Phenanthrene
Concen: 24.872 ng
RT: 17.02 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Instrument :
BNA_P
ClientSampleId :
OK-02-070720

Tgt Ion:178 Resp: 1722753

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.6	23.4
179	15.6	12.1	18.1

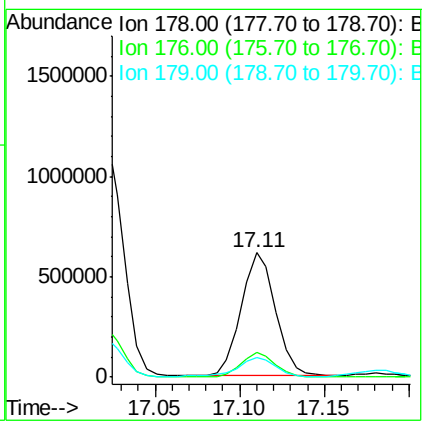


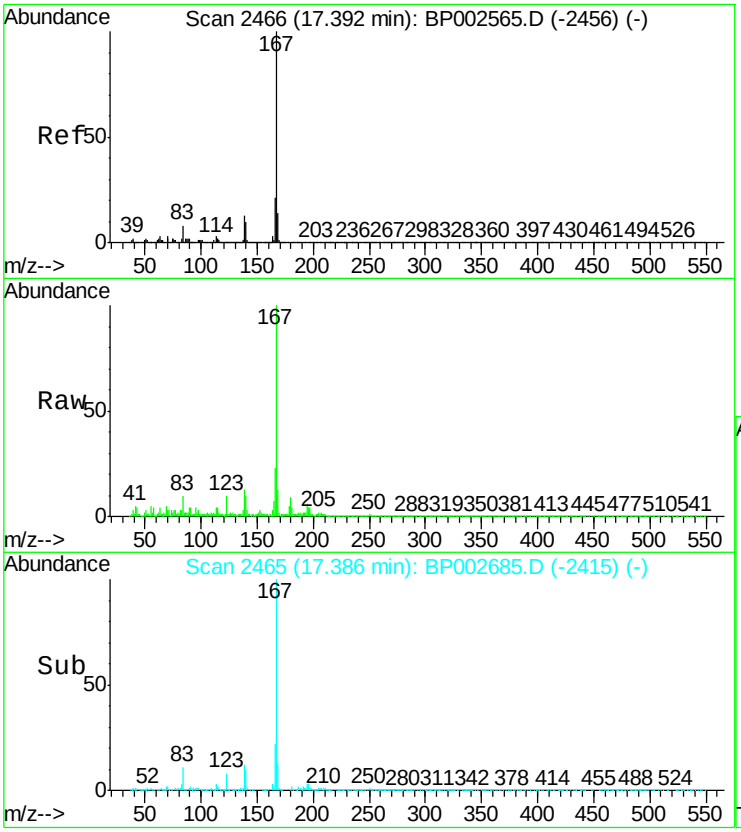


#72
Anthracene
Concen: 12.757 ng
RT: 17.11 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Tgt Ion:178 Resp: 879266

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.0	22.4
179	15.7	12.2	18.2



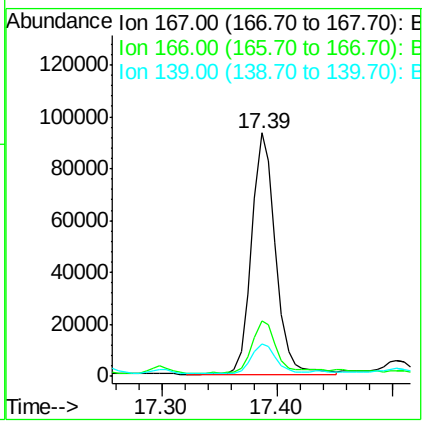


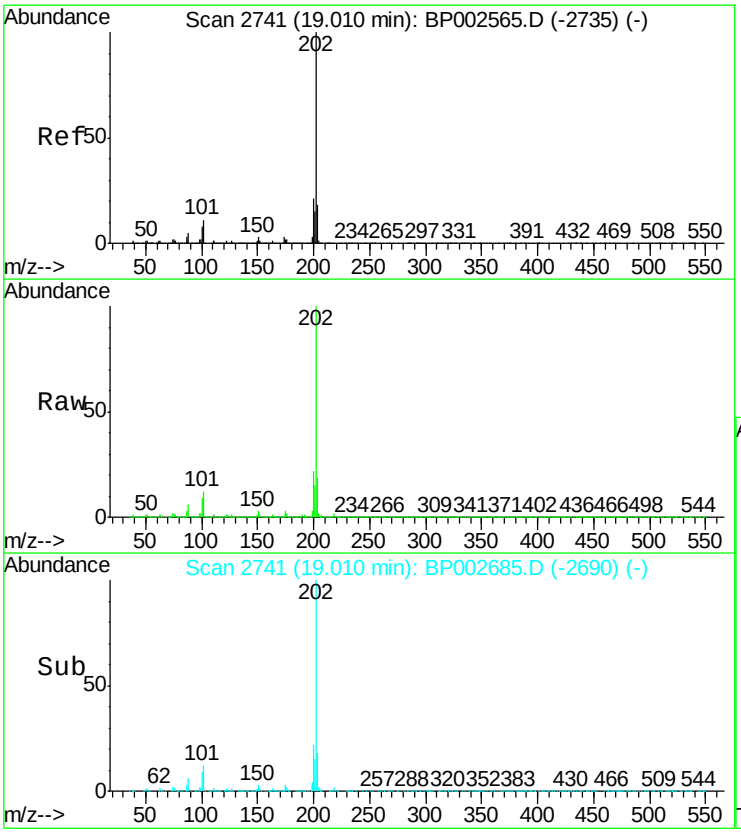
#73
Carbazole
Concen: 2.032 ng
RT: 17.39 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Instrument :
BNA_P
ClientSampleId :
OK-02-070720

Tgt Ion:167 Resp: 135379

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.1	25.7
139	13.1	10.5	15.7

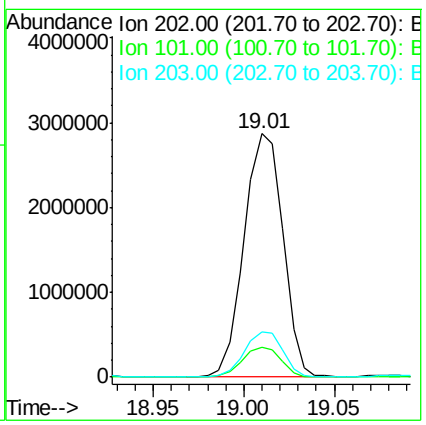


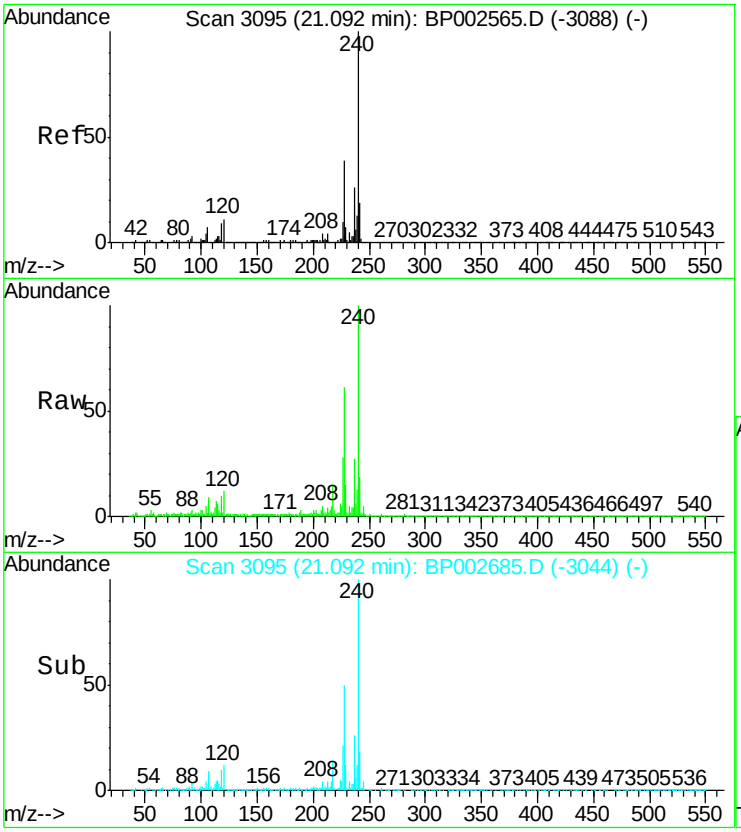


#75
Fluoranthene
Concen: 51.061 ng
RT: 19.01 min Scan# 2741
Delta R.T. -0.00 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Tgt Ion:202 Resp: 4281005

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.6
203	18.5	0.0	37.7



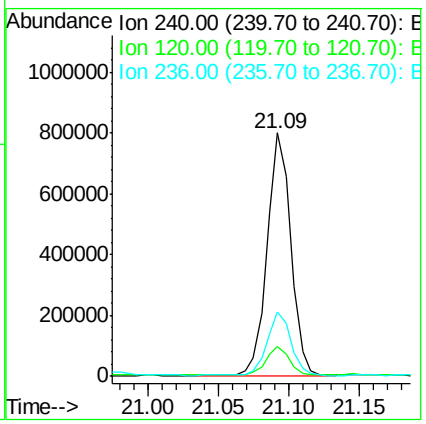


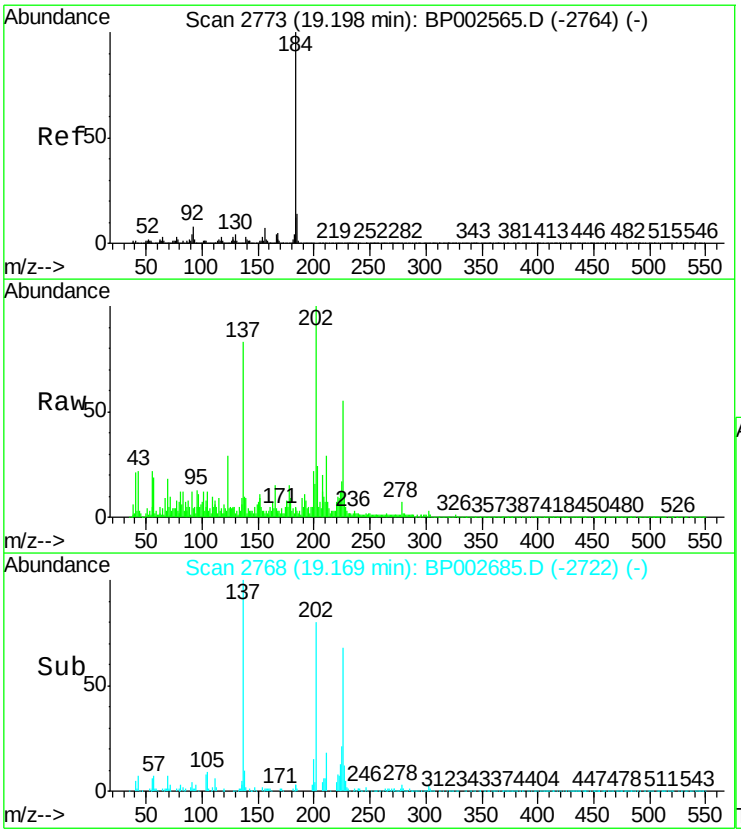
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Instrument :
BNA_P
ClientSampleId :
OK-02-070720

Tgt Ion:240 Resp: 943209

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.6	13.0
236	26.6	20.8	31.2

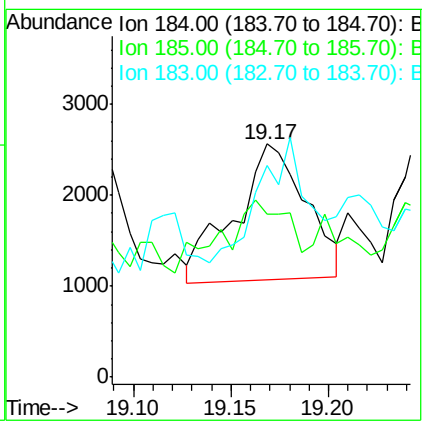


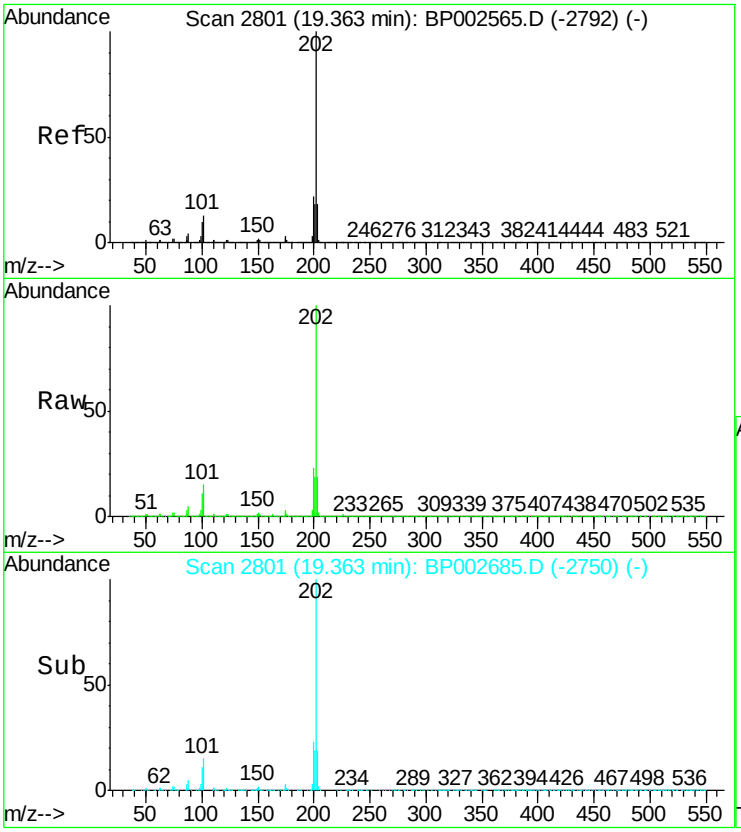


#77
Benzidine
Concen: 3.842 ng
RT: 19.17 min Scan# 2768
Delta R.T. -0.03 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Tgt Ion:184 Resp: 3777

Ion	Ratio	Lower	Upper
184	100		
185	69.7	11.4	17.2#
183	90.8	9.2	13.8#



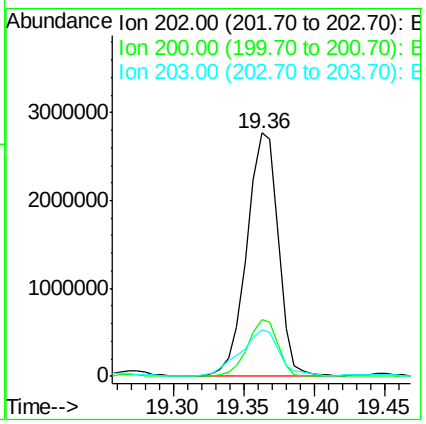


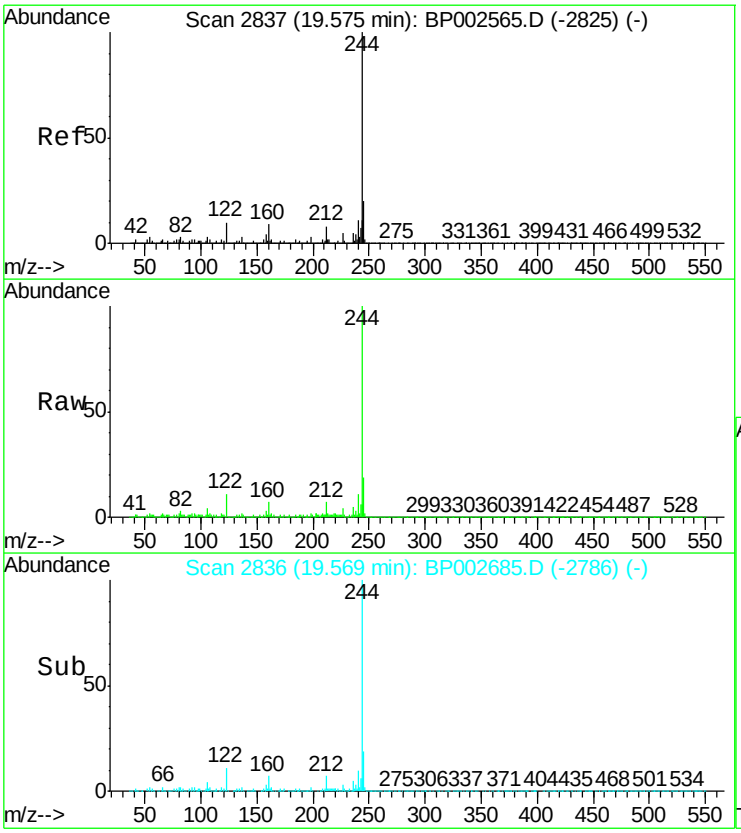
#78
Pyrene
Concen: 67.725 ng
RT: 19.36 min Scan# 2801
Delta R.T. -0.00 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Instrument :
BNA_P
ClientSampleId :
OK-02-070720

Tgt Ion:202 Resp: 4348056

Ion	Ratio	Lower	Upper
202	100		
200	23.3	17.6	26.4
203	19.2	14.4	21.6

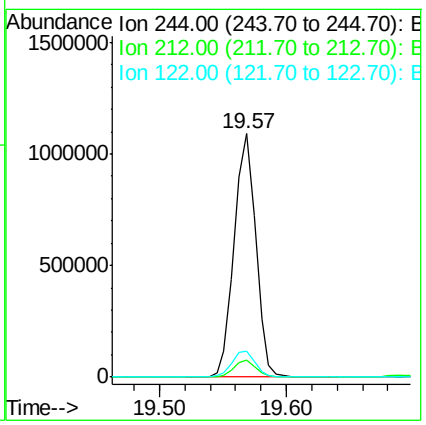


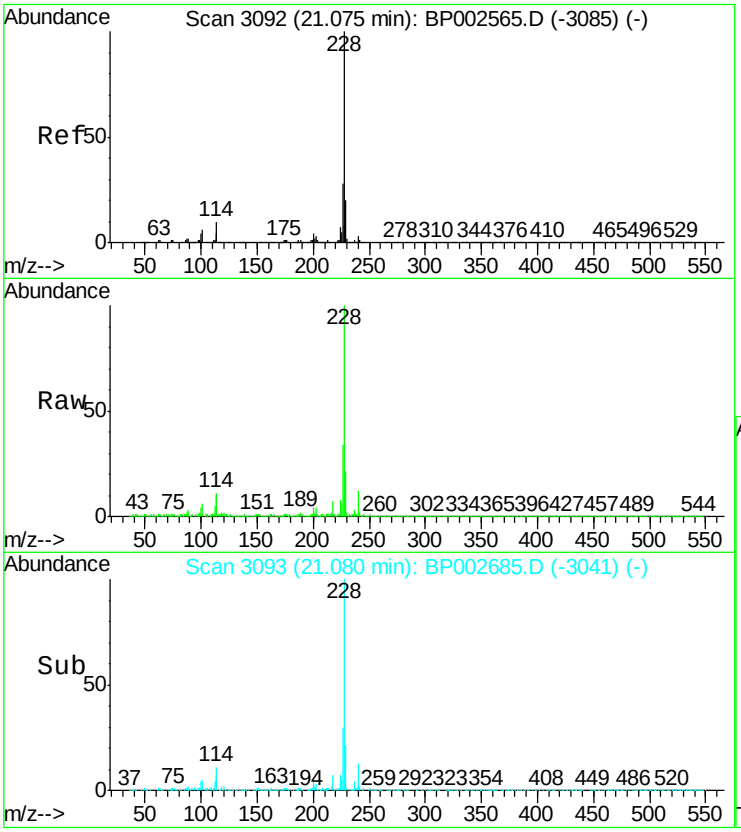


#79
Terphenyl-d14
Concen: 29.246 ng
RT: 19.57 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Tgt Ion:244 Resp: 1278001

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.5	9.7
122	10.7	7.9	11.9



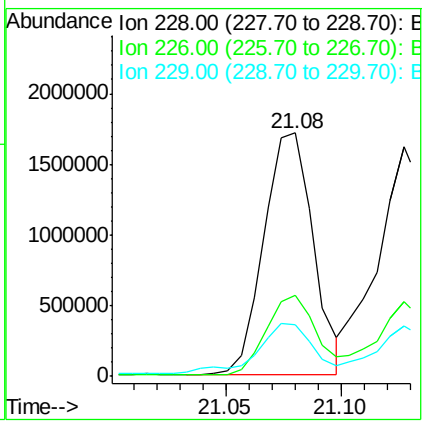


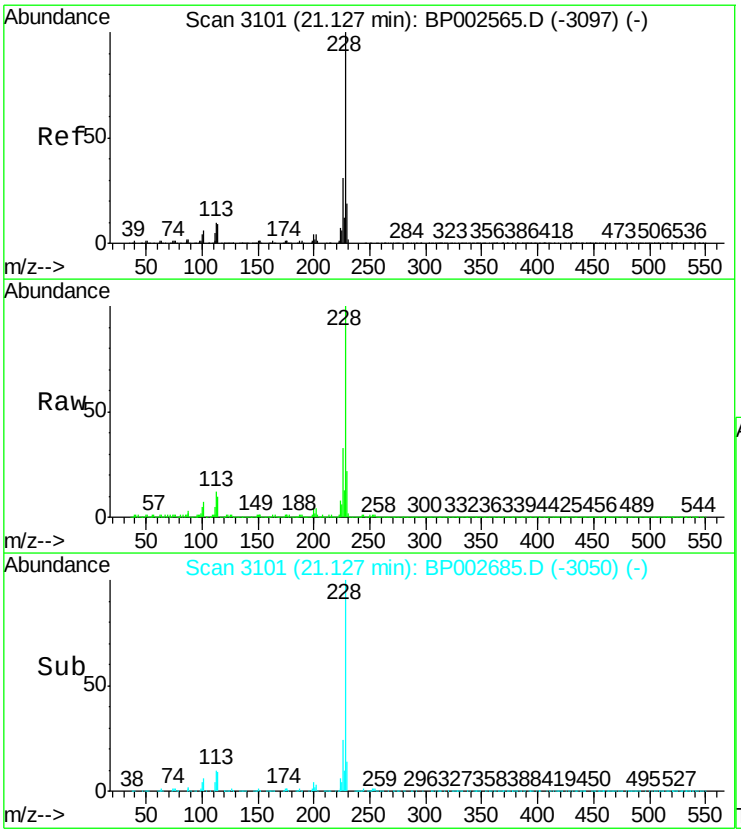
#81
Benzo(a)anthracene
Concen: 41.137 ng
RT: 21.08 min Scan# 3093
Delta R.T. 0.01 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Instrument :
BNA_P
ClientSampleId :
OK-02-070720

Tgt Ion:228 Resp: 2536696

Ion	Ratio	Lower	Upper
228	100		
226	33.5	22.5	33.7
229	21.0	16.4	24.6

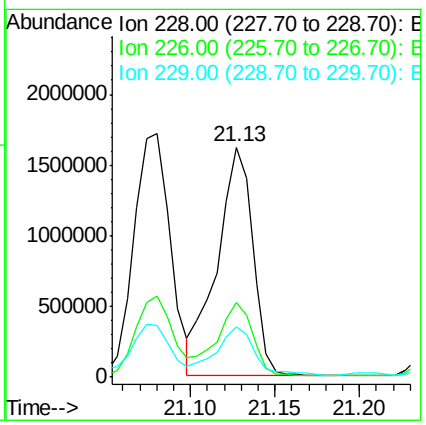


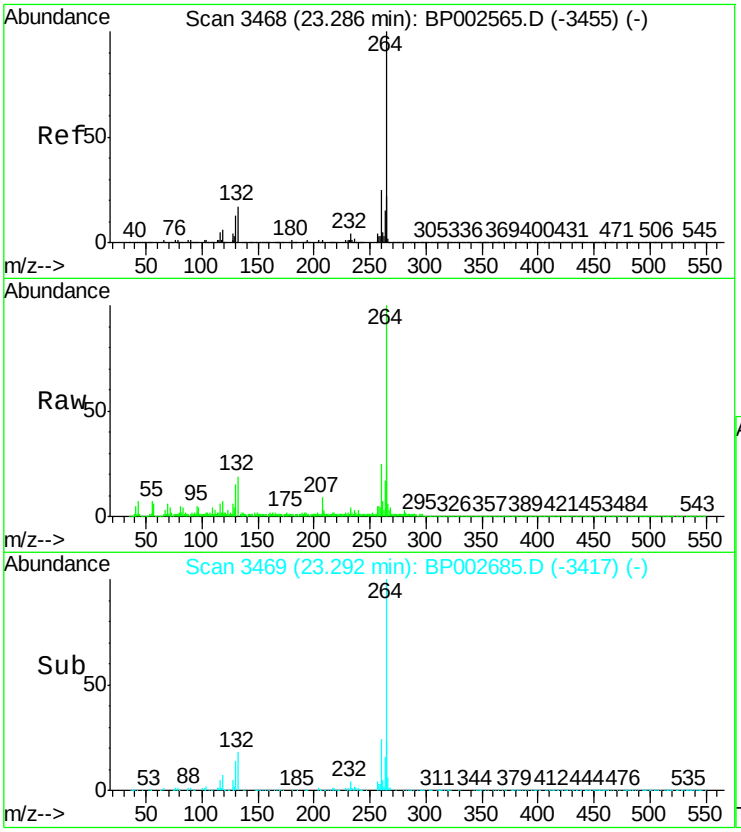


#83
Chrysene
Concen: 40.462 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.00 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Tgt Ion:228 Resp: 2392525

Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.6	37.0
229	21.8	15.6	23.4



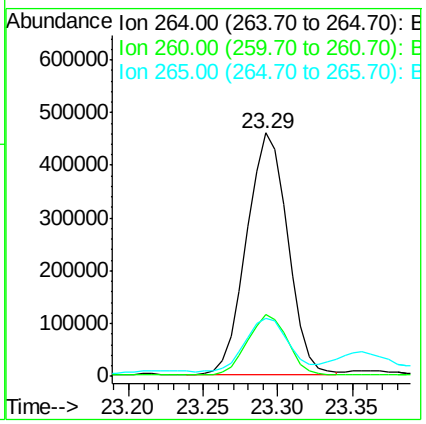


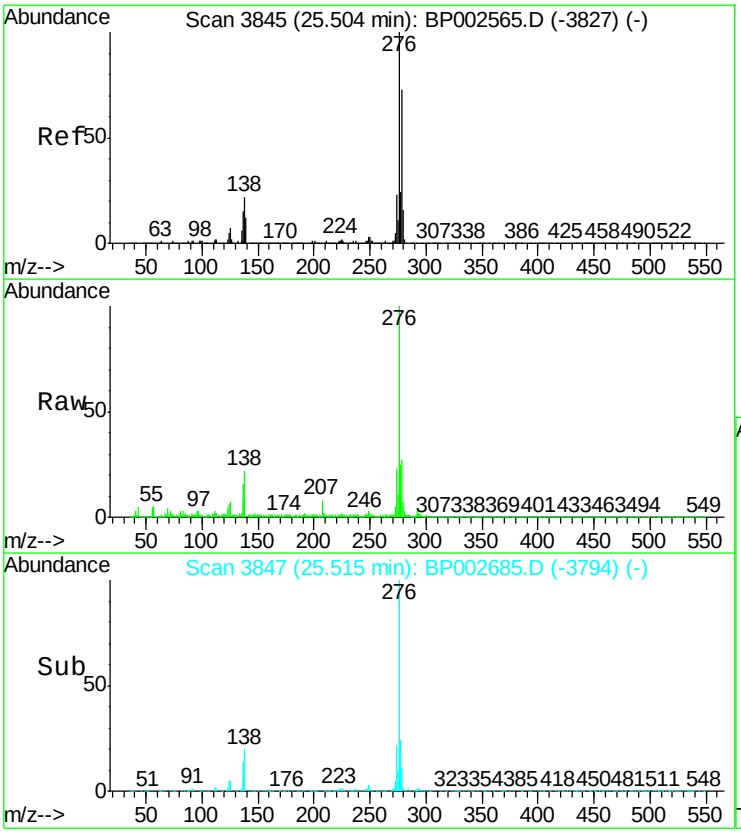
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3469
Delta R.T. 0.01 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Instrument :
BNA_P
ClientSampleId :
OK-02-070720

Tgt Ion:264 Resp: 872266

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.7	29.5
265	23.7	17.6	26.4

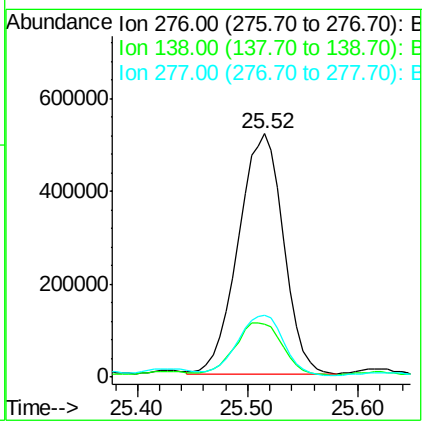


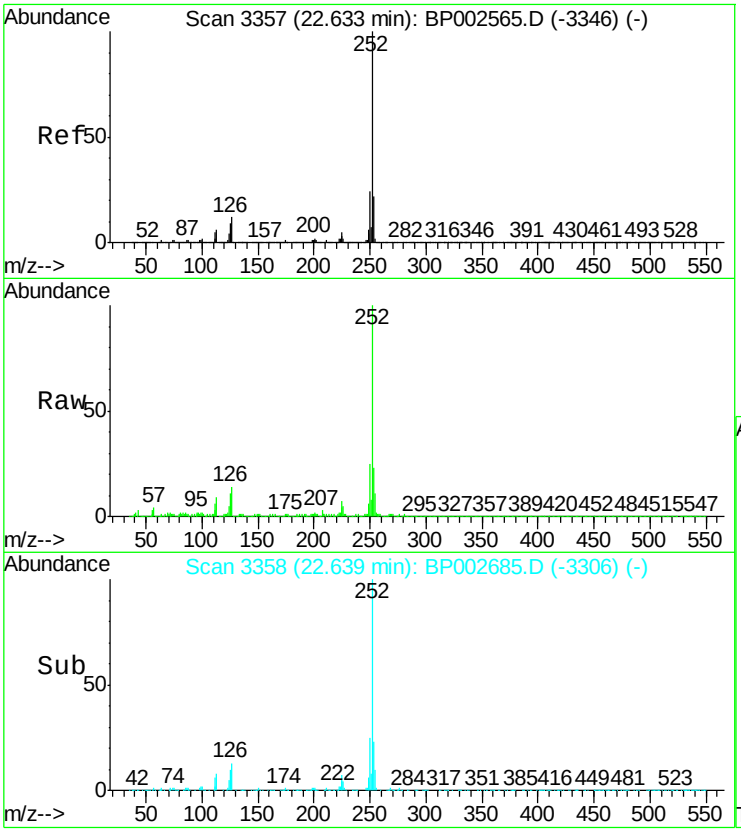


#87
Indeno(1,2,3-cd)pyrene
Concen: 23.483 ng
RT: 25.52 min Scan# 3847
Delta R.T. 0.01 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Tgt Ion:276 Resp: 1474817

Ion	Ratio	Lower	Upper
276	100		
138	22.9	18.6	27.8
277	25.2	20.1	30.1



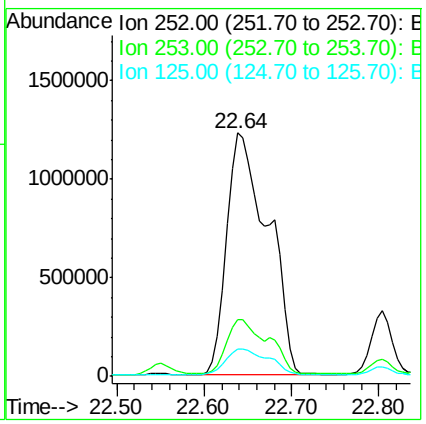


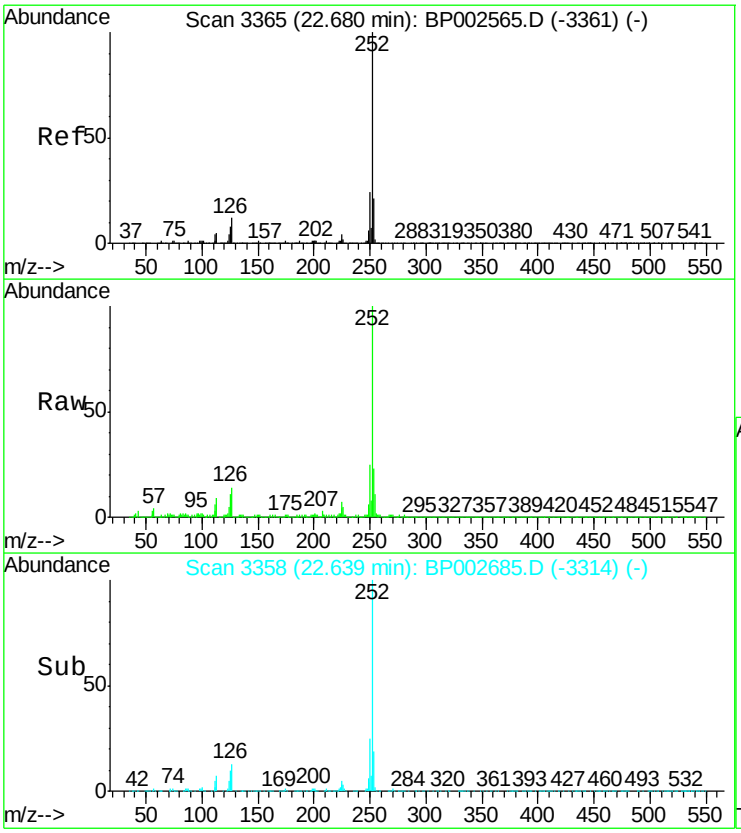
#88
Benzo(b)fluoranthene
Concen: 70.981 ng
RT: 22.64 min Scan# 3358
Delta R.T. 0.01 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Instrument :
BNA_P
ClientSampleId :
OK-02-070720

Tgt Ion:252 Resp: 3950686

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	11.0	7.4	11.2

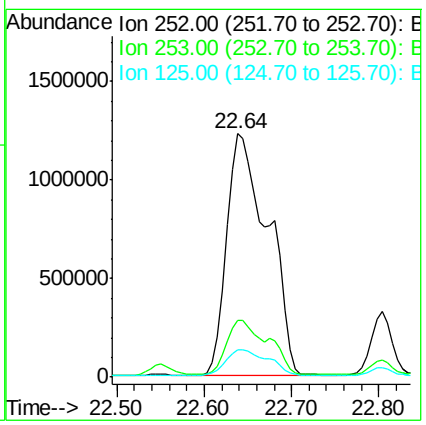


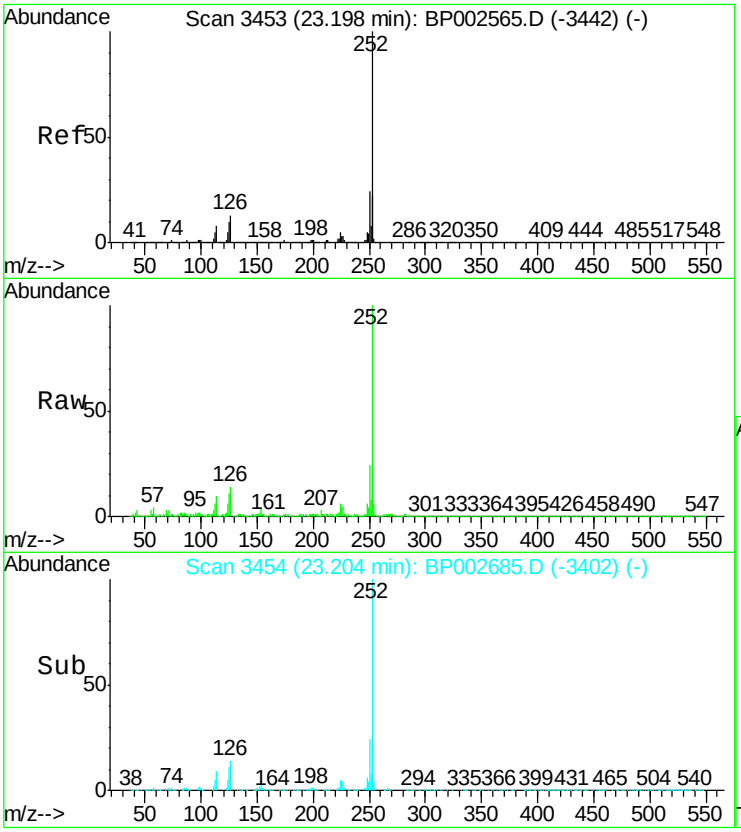


#89
Benzo(k)fluoranthene
Concen: 76.086 ng
RT: 22.64 min Scan# 3358
Delta R.T. -0.04 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Tgt Ion:252 Resp: 3950686

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	11.0	6.9	10.3#



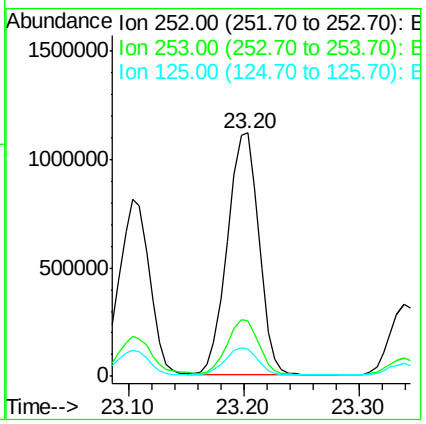


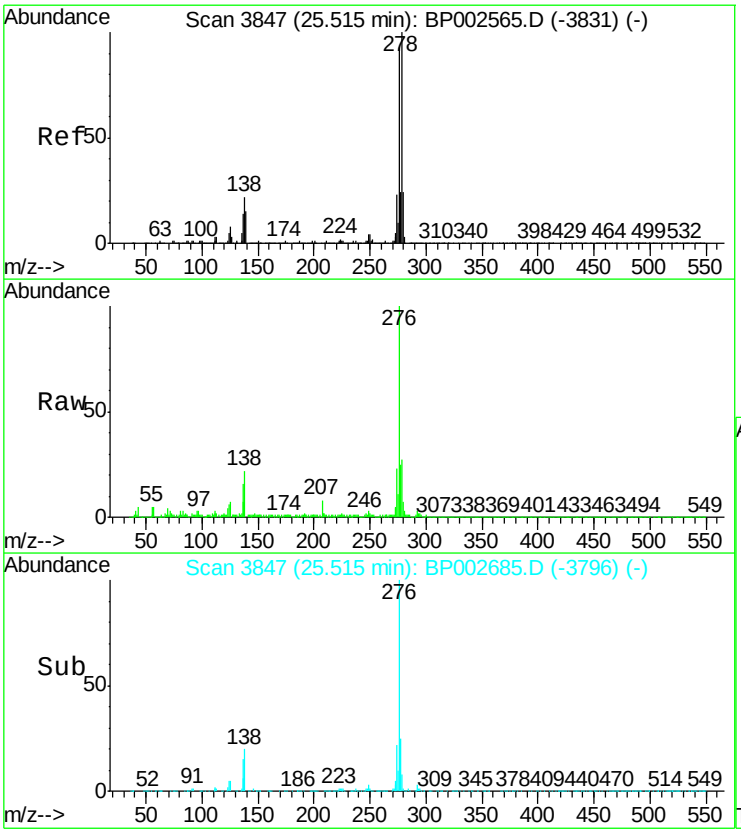
#90
Benzo(a)pyrene
Concen: 41.517 ng
RT: 23.20 min Scan# 3454
Delta R.T. 0.01 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Instrument :
BNA_P
ClientSampleId :
OK-02-070720

Tgt Ion:252 Resp: 2120503

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	11.4	7.8	11.8

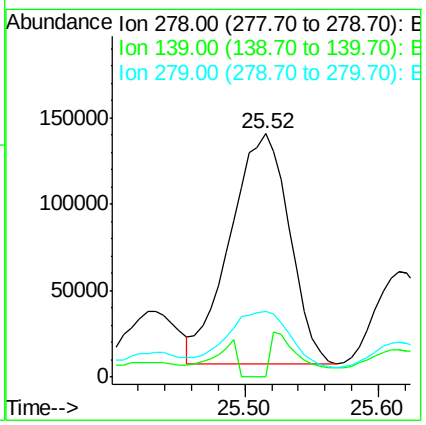


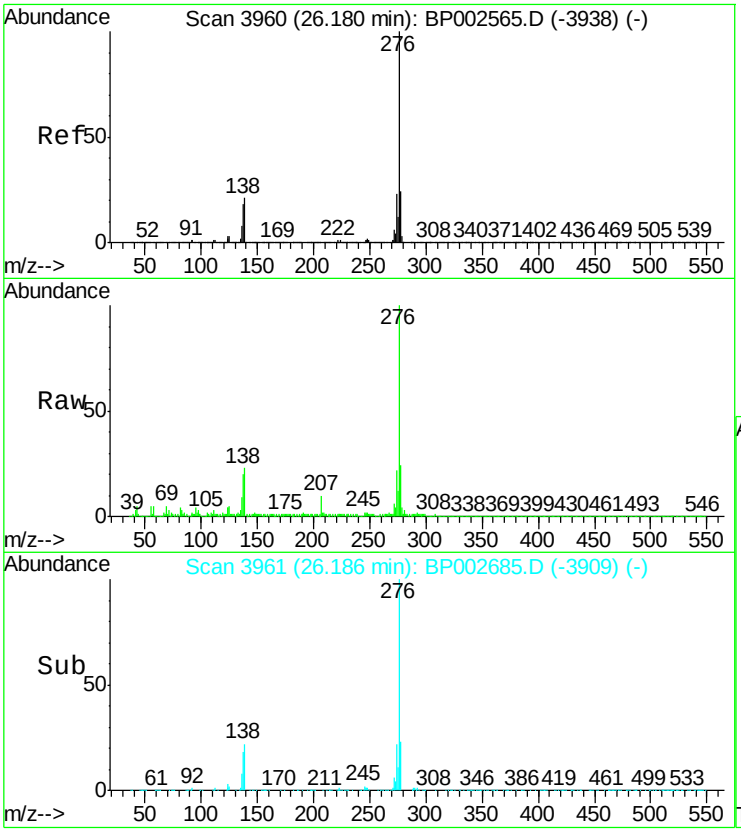


#91
Dibenzo(a,h)anthracene
Concen: 8.036 ng
RT: 25.52 min Scan# 3847
Delta R.T. -0.00 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Tgt Ion:278 Resp: 412389

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.2#
279	26.8	19.0	28.6





#92
Benzo(g,h,i)perylene
Concen: 28.033 ng
RT: 26.19 min Scan# 3961
Delta R.T. 0.01 min
Lab File: BP002685.D
Acq: 08 Jul 2020 20:51

Instrument :
BNA_P
ClientSampleId :
OK-02-070720

Tgt Ion:276 Resp: 1438806

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.3	28.9
138	23.3	16.9	25.3