Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
Data File : BP002756.D
Acq On : 15 Jul 2020 16:13
Operator : CG/JU
Sample : L3302-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : FK-GF-03-013-A

Quant Time: Jul 15 17:27:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	152891	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	634330	20.00	ng		0.00
39) Acenaphthene-d10	14.20	164	392365	20.00	ng		0.00
64) Phenanthrene-d10	16.96	188	819938	20.00	ng		0.00
76) Chrysene-d12	21.07	240	684073	20.00	ng		0.00
86) Perylene-d12	23.26	264	657461	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	522681	57.68	ng		0.00
7) Phenol-d6	6.75	99	742545	57.42	ng		0.00
23) Nitrobenzene-d5	8.70	82	455103	38.37	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	190474	46.51	ng		0.00
45) 2-Fluorobiphenyl	12.82	172	947089	37.34	ng		0.00
79) Terphenyl-d14	19.55	244	1205568	40.41	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	9.67	122	47	7.068	ng	#	1
41) Hexachlorocyclopentadiene	12.12	237	12	7.436	ng		91
49) Acenaphthylene	13.92	152	75621	2.019	ng		98
50) Dimethylphthalate	13.67	163	209019	6.985	ng		99
54) 2,4-Dinitrophenol	14.35	184	10	11.376	ng	#	1
56) 4-Nitrophenol	14.42	139	1021	5.139	ng	#	44
58) Fluorene	15.26	166	85044	3.201	ng		98
65) 4,6-Dinitro-2-methylphenol	15.32	198	23	5.271	ng	#	1
70) Pentachlorophenol	16.44	266	16	7.445	ng		89
71) Phenanthrene	17.00	178	821817	18.512	ng		99
72) Anthracene	17.09	178	199285	4.575	ng		98
75) Fluoranthene	18.99	202	841636	16.361	ng		99
78) Pyrene	19.34	202	853673	18.075	ng		97
81) Benzo(a)anthracene	21.05	228	355695	8.033	ng		99
83) Chrysene	21.05	228	355695	8.438	ng		97
87) Indeno(1,2,3-cd)pyrene	25.45	276	152371	3.207	ng		98
88) Benzo(b)fluoranthene	22.61	252	449861	11.019	ng	#	89
89) Benzo(k)fluoranthene	22.61	252	449861	11.187	ng	#	89
90) Benzo(a)pyrene	23.16	252	256648	6.634	ng	#	93
92) Benzo(g,h,i)perylene	26.13	276	160551	4.132	ng		97

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
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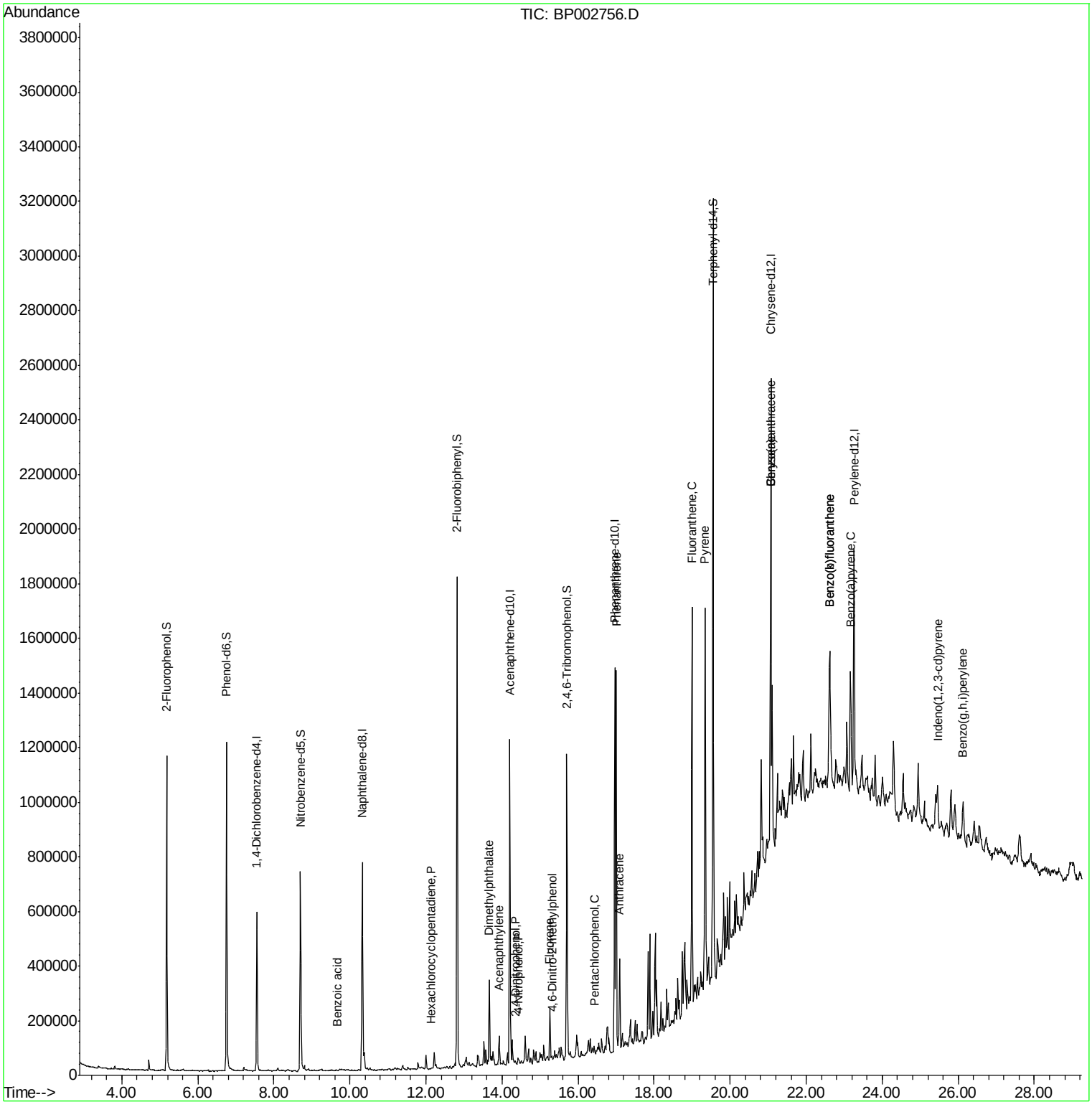
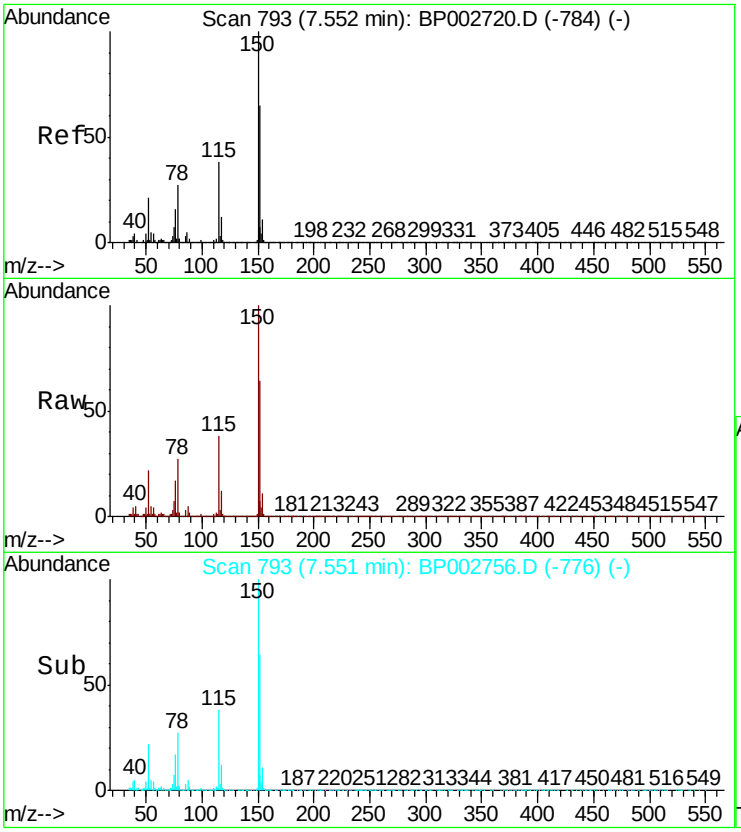


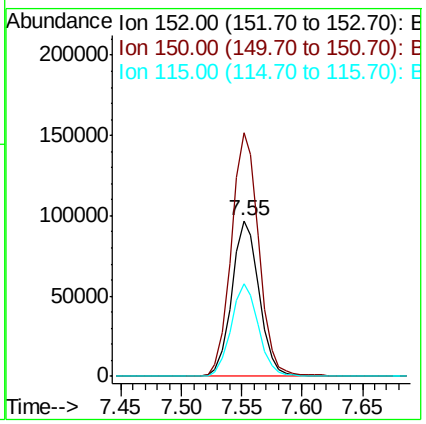


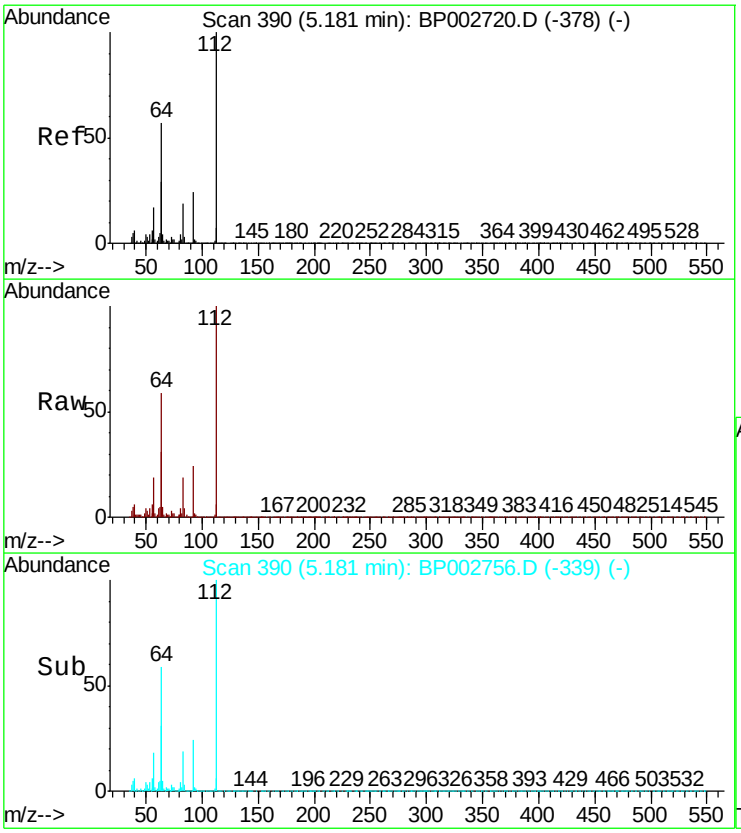
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 793
Delta R.T. 0.00 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-013-A

Tgt Ion:152 Resp: 152891

Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.7	185.5
115	59.5	47.2	70.8

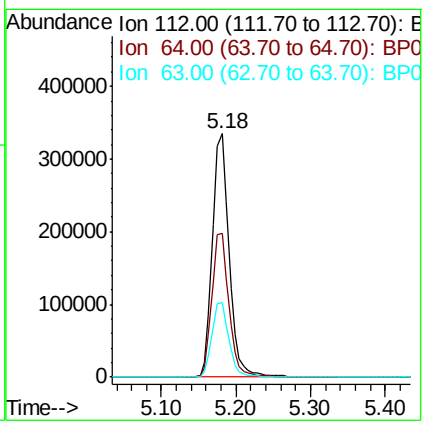


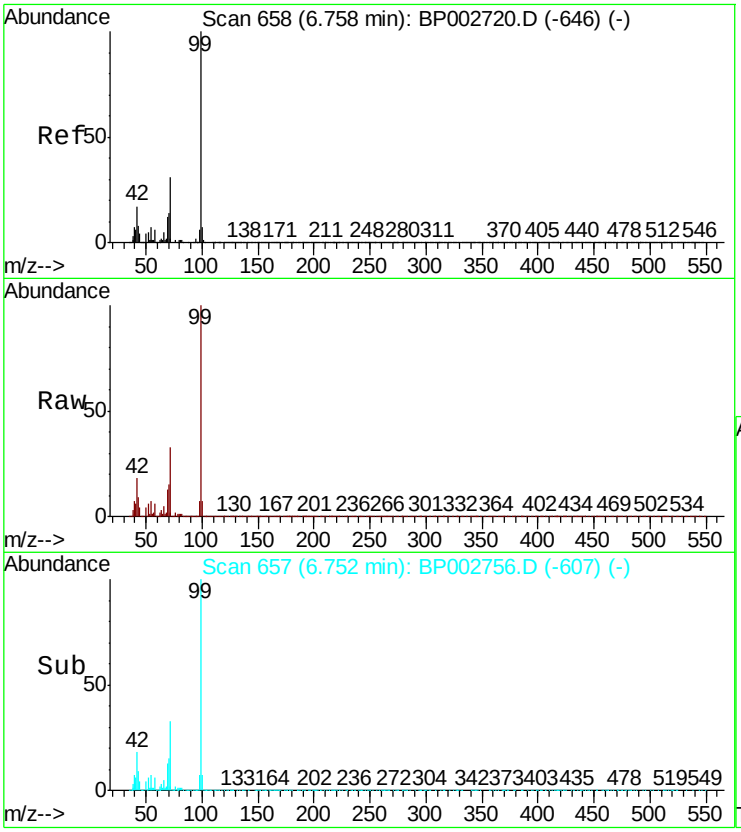


#5
2-Fluorophenol
Concen: 57.679 ng
RT: 5.18 min Scan# 390
Delta R.T. 0.00 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Tgt Ion:112 Resp: 522681

Ion	Ratio	Lower	Upper
112	100		
64	59.0	45.6	68.4
63	30.8	23.5	35.3



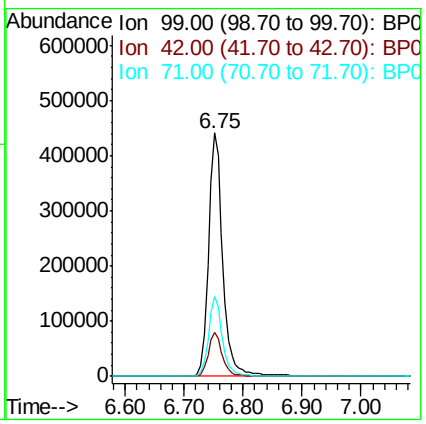


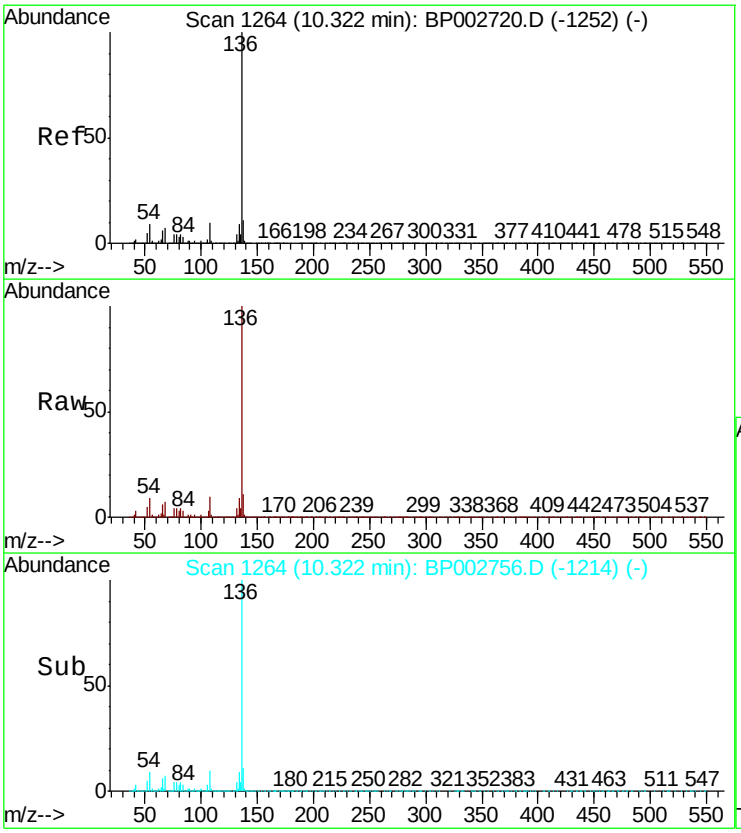
#7
Phenol-d6
Concen: 57.416 ng
RT: 6.75 min Scan# 657
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-013-A

Tgt Ion: 99 Resp: 742545

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.4	20.2
71	32.8	24.6	36.8

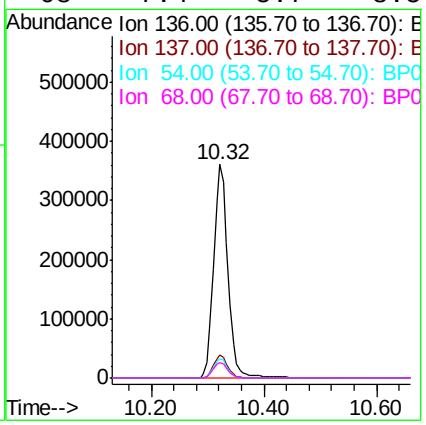


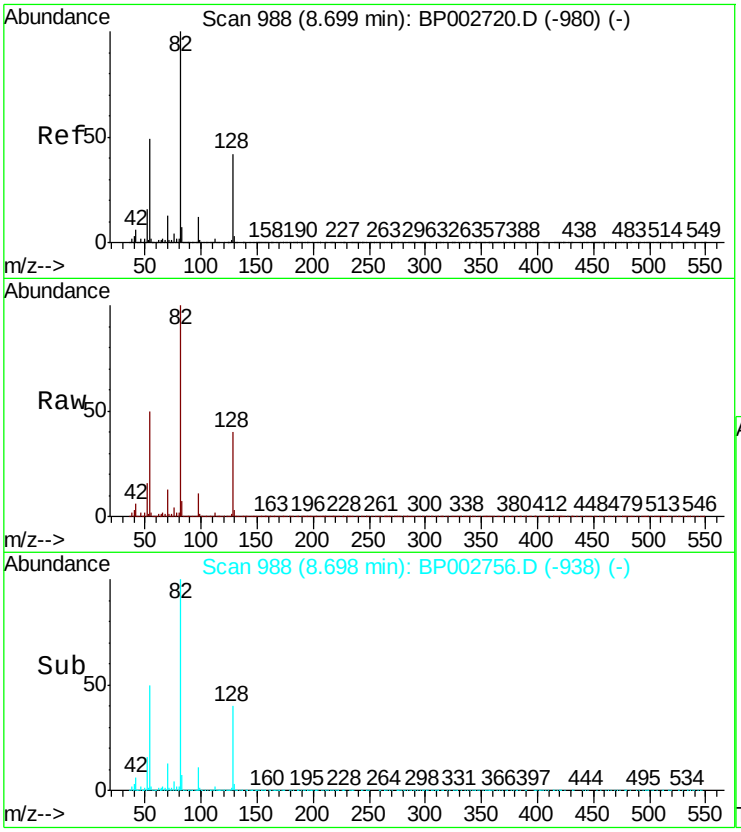


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Tgt Ion:136 Resp: 634330

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.1	6.9	10.3
68	7.4	5.7	8.5



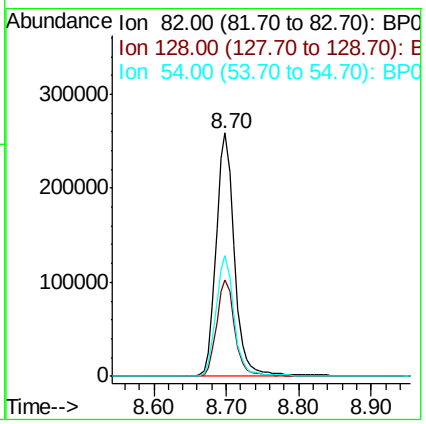


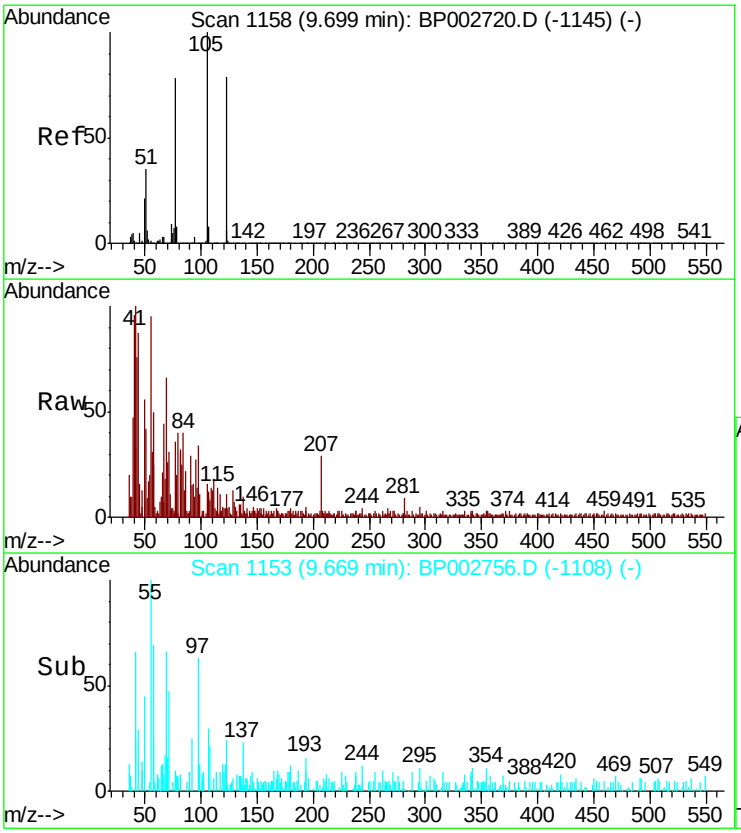
#23
Nitrobenzene-d5
Concen: 38.372 ng
RT: 8.70 min Scan# 988
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-013-A

Tgt Ion: 82 Resp: 455103

Ion	Ratio	Lower	Upper
82	100		
128	39.6	33.8	50.8
54	49.6	38.8	58.2

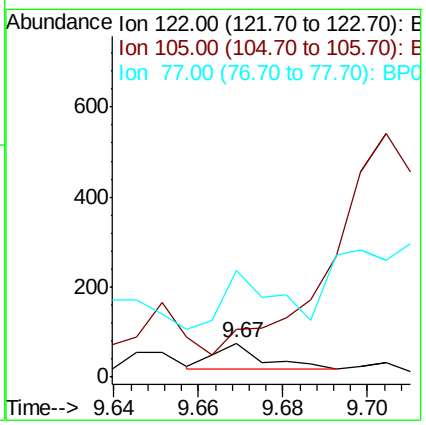


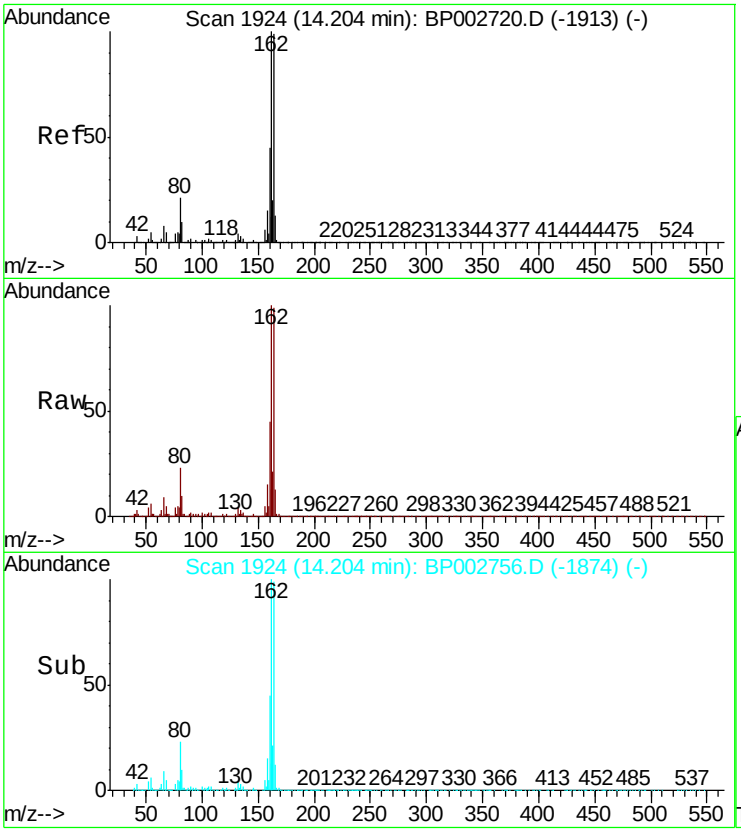


#32
Benzoic acid
Concen: 7.068 ng
RT: 9.67 min Scan# 1153
Delta R.T. -0.04 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Tgt Ion:122 Resp: 47

Ion	Ratio	Lower	Upper
122	100		
105	142.7	105.4	145.4
77	317.3	78.5	118.5#



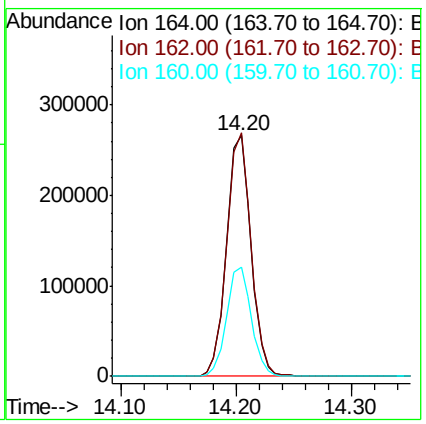


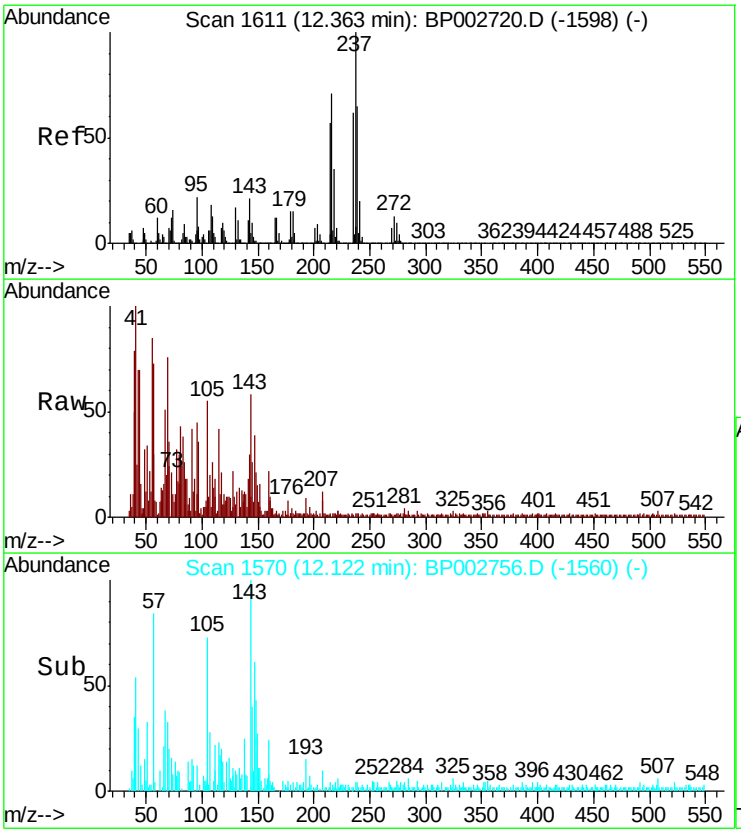
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-013-A

Tgt Ion:164 Resp: 392365

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.6	121.0
160	45.4	36.4	54.6

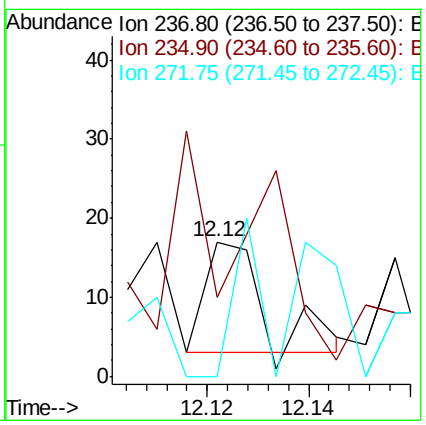


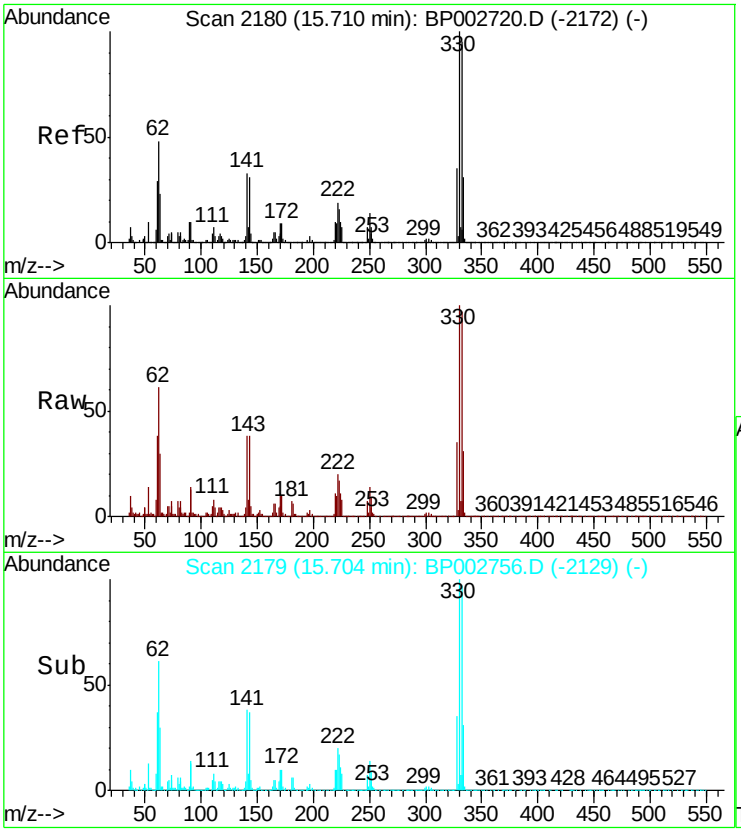


#41
Hexachlorocyclopentadiene
Concen: 7.436 ng
RT: 12.12 min Scan# 1570
Delta R.T. -0.24 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Tgt Ion:237 Resp: 12

Ion	Ratio	Lower	Upper
237	100		
235	58.8	42.3	82.3
272	0.0	0.0	32.5



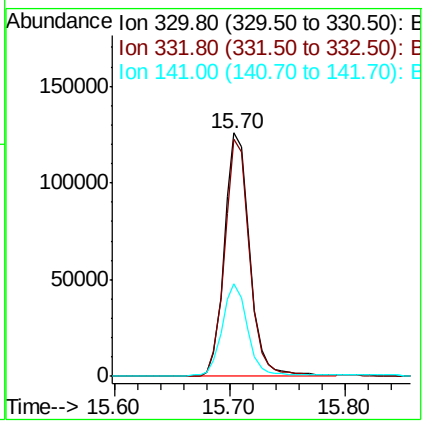


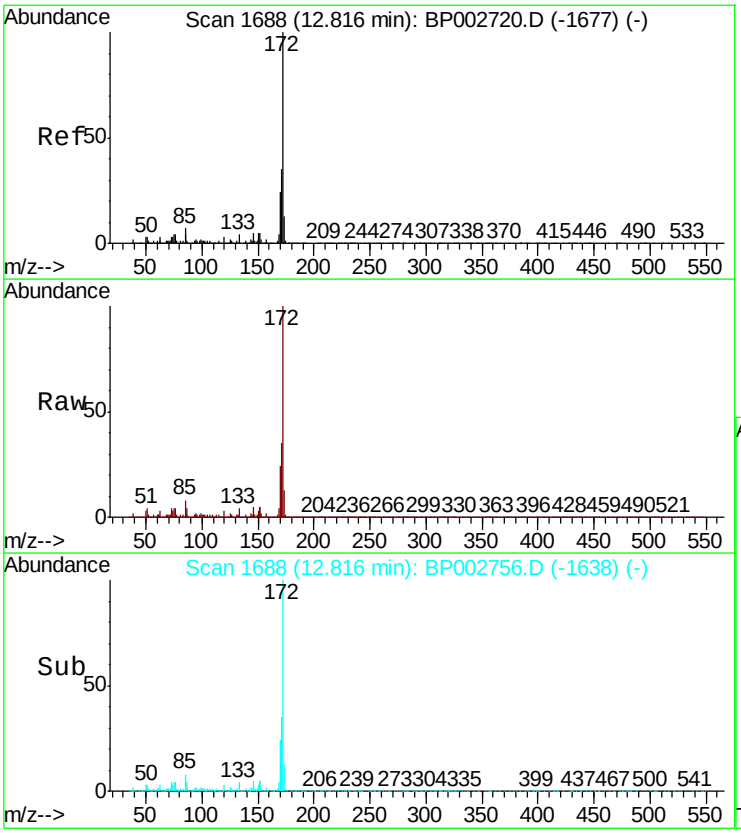
#42
2,4,6-Tribromophenol
Concen: 46.506 ng
RT: 15.70 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-013-A

Tgt Ion:330 Resp: 190474

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.5	114.7
141	37.3	28.8	43.2

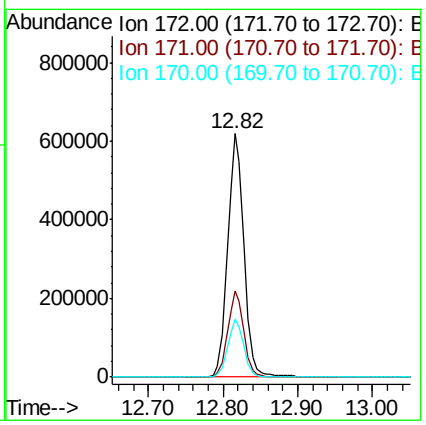


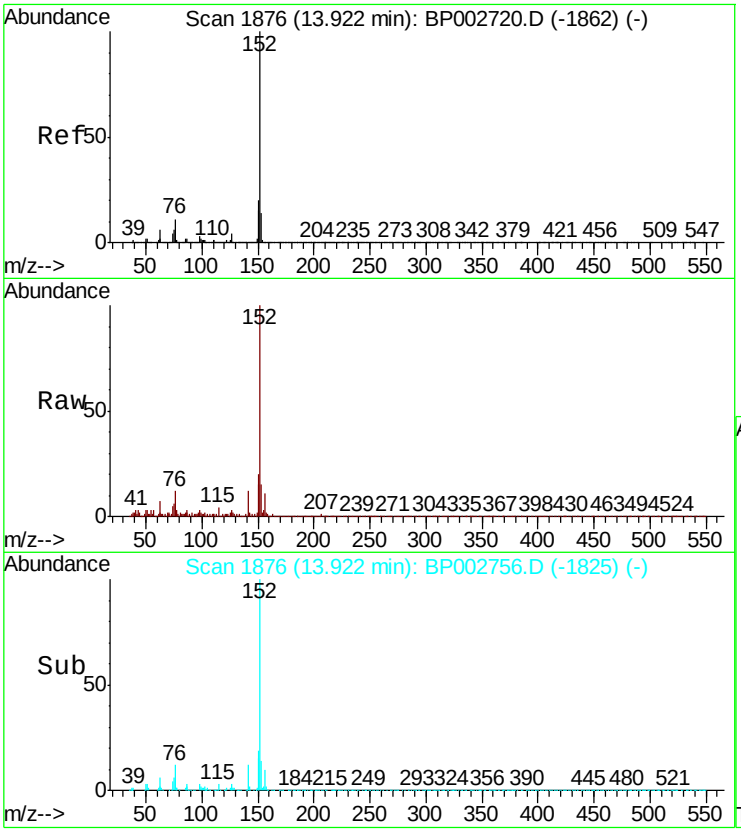


#45
2-Fluorobiphenyl
Concen: 37.341 ng
RT: 12.82 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Tgt Ion:172 Resp: 947089

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.1	42.1
170	23.9	19.3	28.9



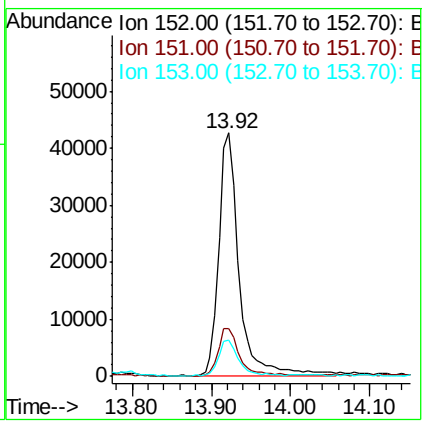


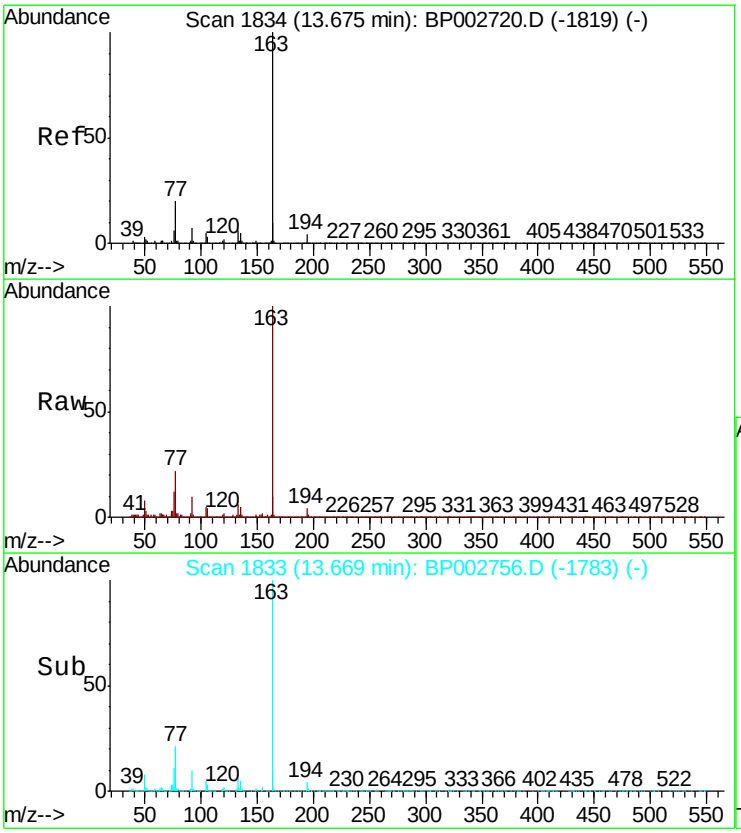
#49
Acenaphthylene
Concen: 2.019 ng
RT: 13.92 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-013-A

Tgt Ion:152 Resp: 75621

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.4
153	14.7	10.9	16.3

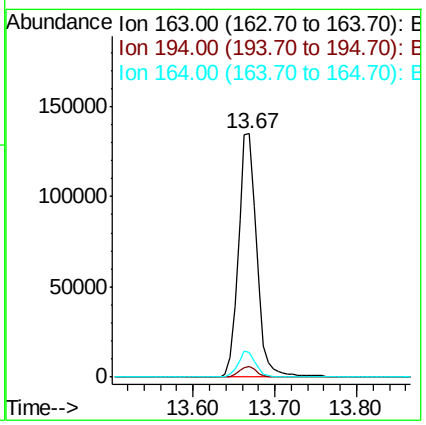


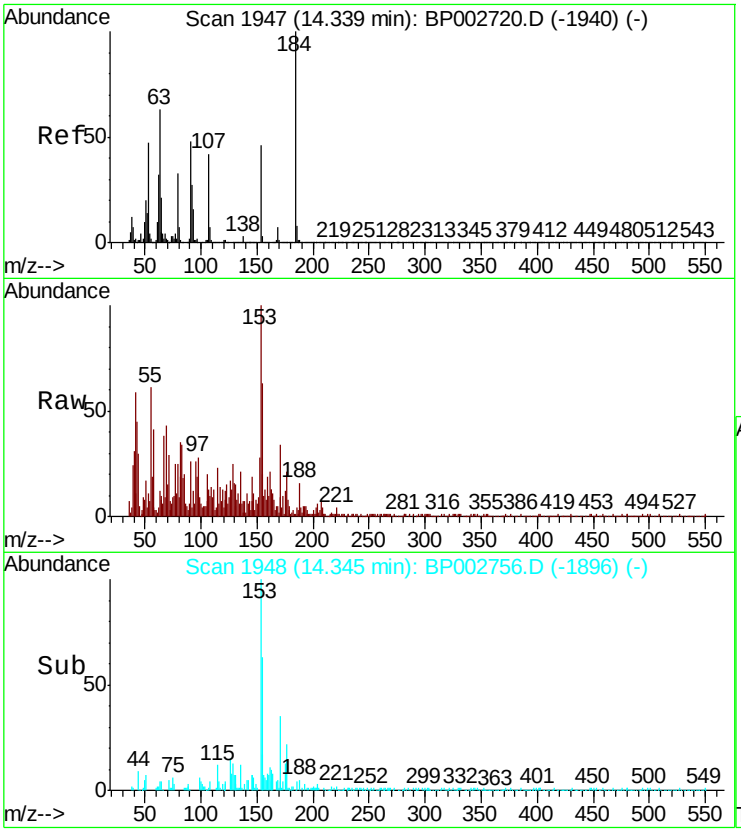


#50
Dimethylphthalate
Concen: 6.985 ng
RT: 13.67 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Tgt Ion:163 Resp: 209019

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.3	7.8	11.8



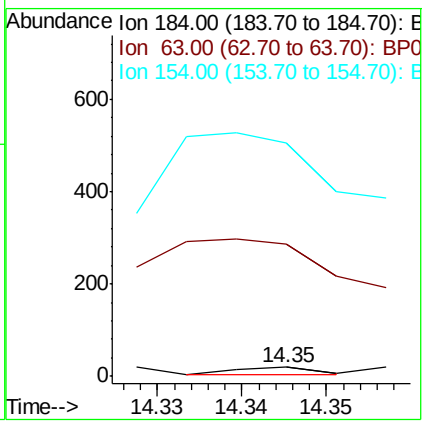


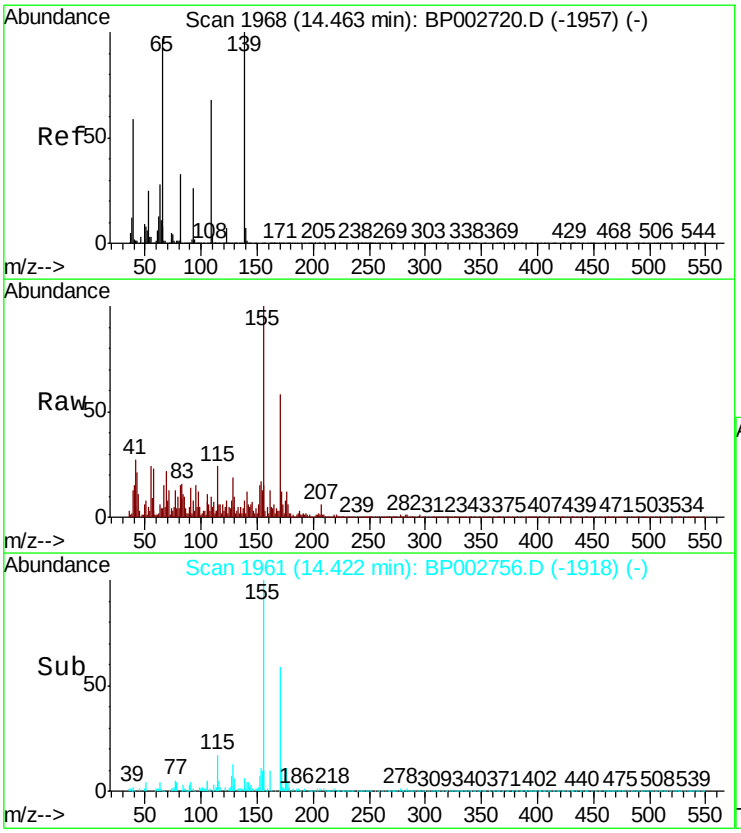
#54
2,4-Dinitrophenol
Concen: 11.376 ng
RT: 14.35 min Scan# 1948
Delta R.T. 0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-013-A

Tgt Ion:184 Resp: 10

Ion	Ratio	Lower	Upper
184	100		
63	1510.5	51.6	77.4#
154	2663.2	45.0	67.6#

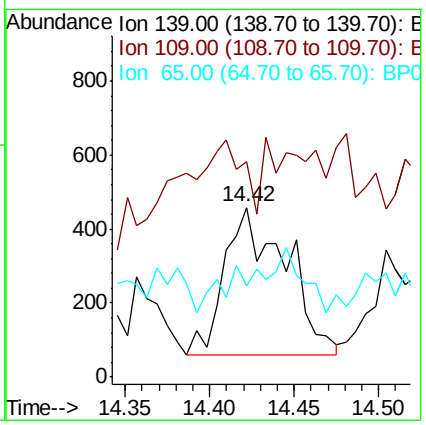


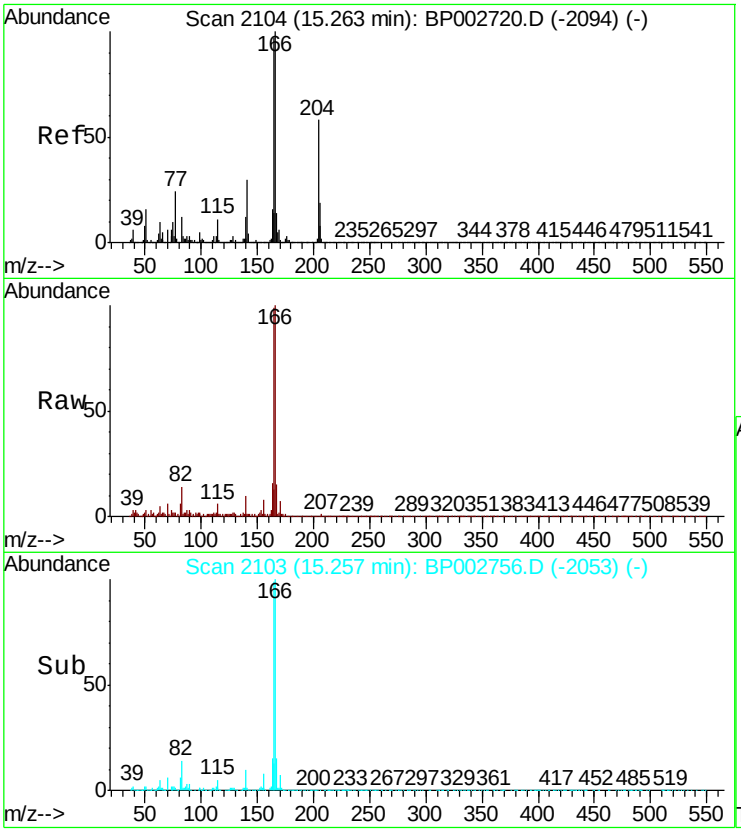


#56
4-Nitrophenol
Concen: 5.139 ng
RT: 14.42 min Scan# 1961
Delta R.T. -0.05 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Tgt Ion:139 Resp: 1021

Ion	Ratio	Lower	Upper
139	100		
109	127.0	48.1	88.1#
65	54.0	77.9	117.9#



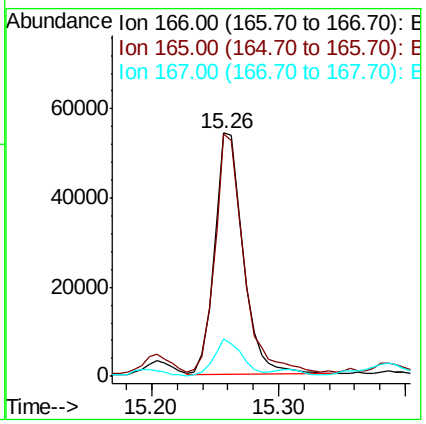


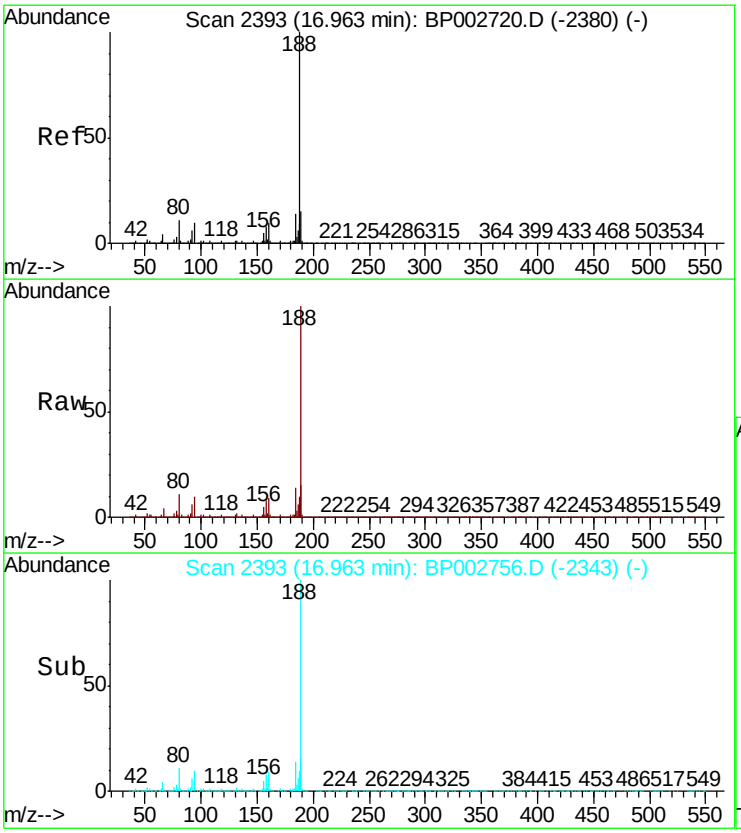
#58
Fluorene
Concen: 3.201 ng
RT: 15.26 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-013-A

Tgt Ion:166 Resp: 85044

Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.7	116.5
167	15.3	11.0	16.6

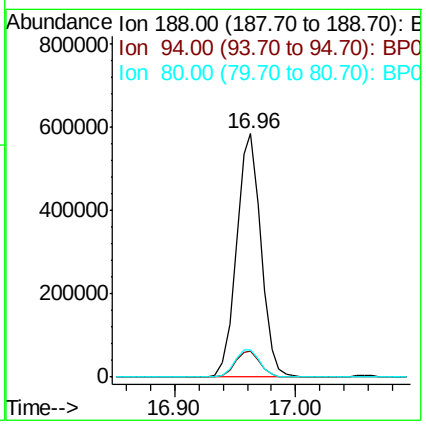


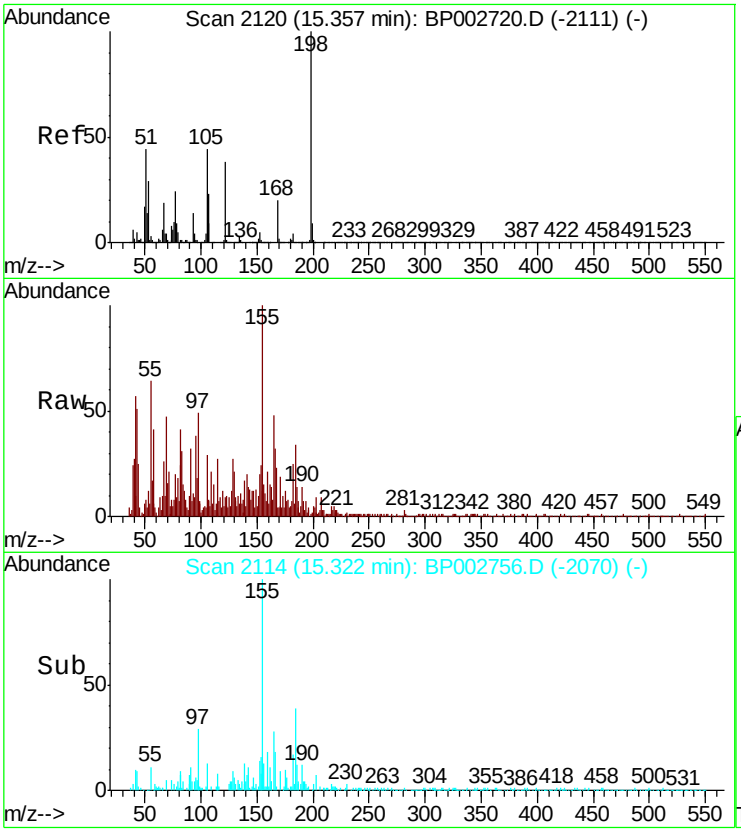


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Tgt Ion:188 Resp: 819938

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.1	12.1
80	11.4	8.9	13.3



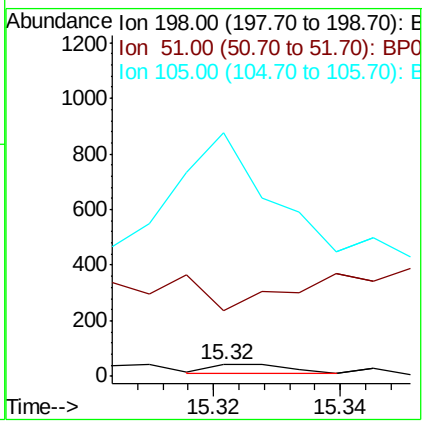


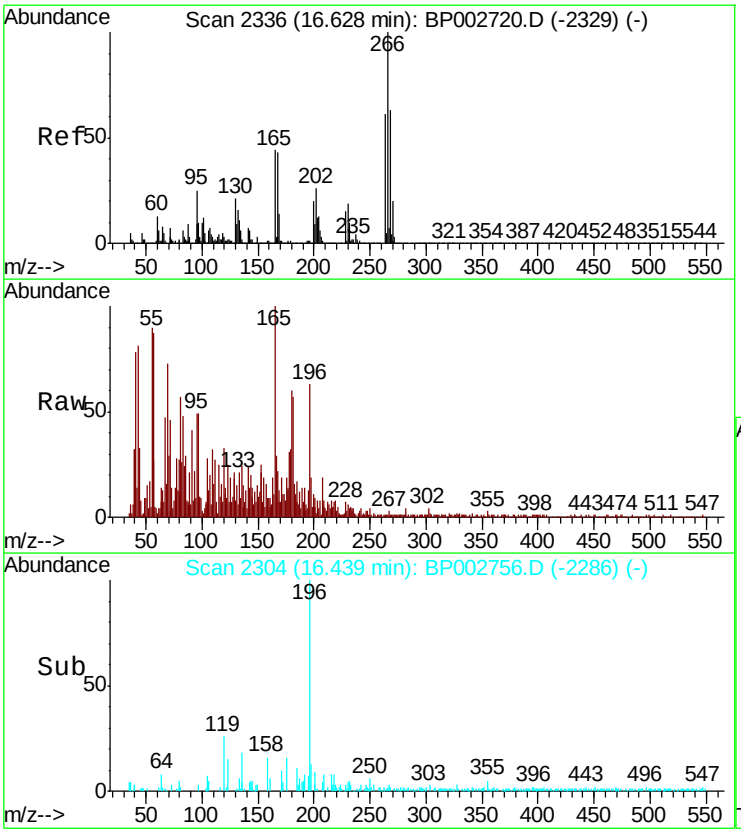
#65
4,6-Dinitro-2-methylphenol
Concen: 5.271 ng
RT: 15.32 min Scan# 2114
Delta R.T. -0.04 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-013-A

Tgt Ion:198 Resp: 23

Ion	Ratio	Lower	Upper
198	100		
51	580.5	27.1	67.1#
105	2136.6	24.9	64.9#

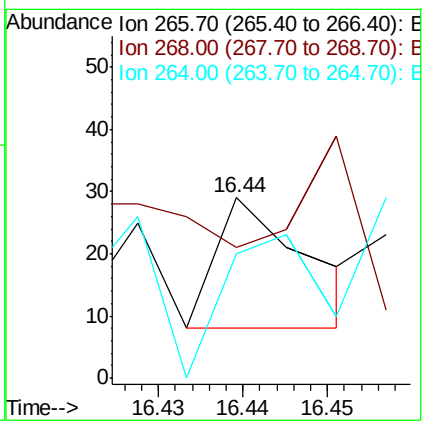


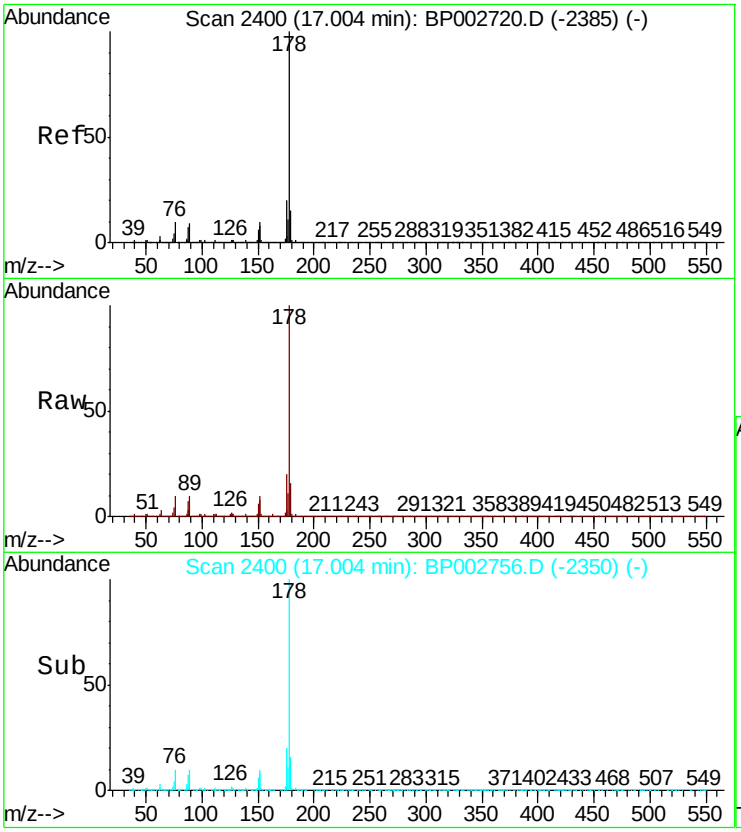


#70
Pentachlorophenol
Concen: 7.445 ng
RT: 16.44 min Scan# 2304
Delta R.T. -0.19 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Tgt Ion:266 Resp: 16

Ion	Ratio	Lower	Upper
266	100		
268	72.4	50.6	75.8
264	69.0	48.6	72.8



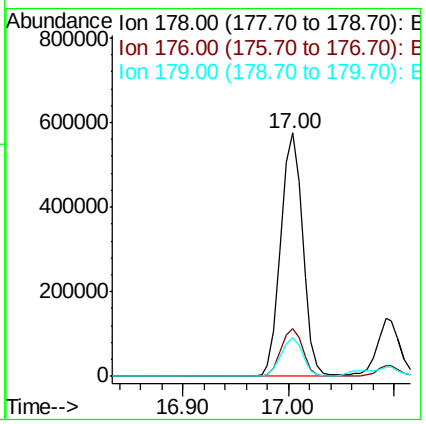


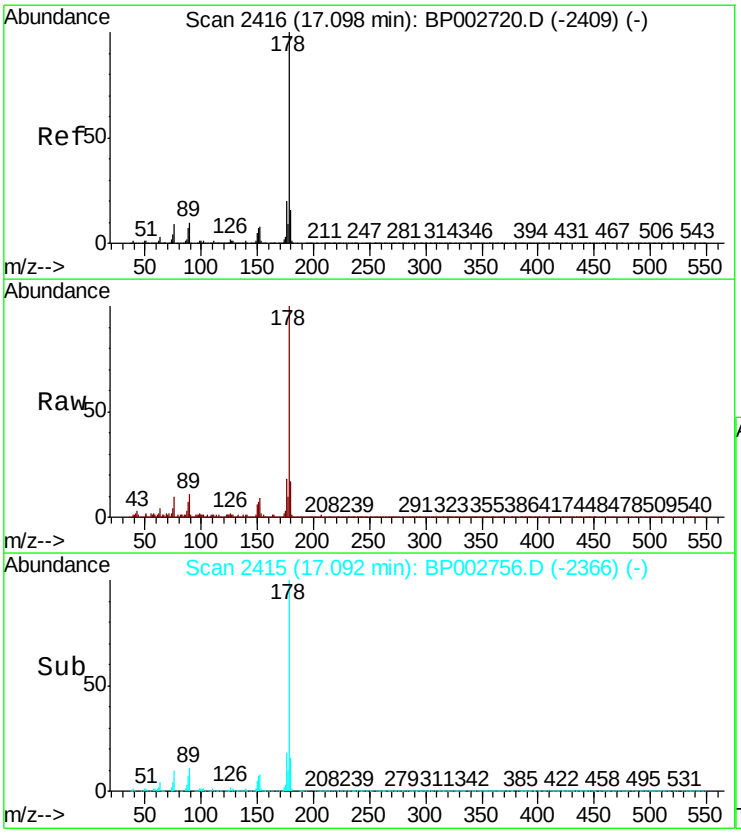
#71
Phenanthrene
Concen: 18.512 ng
RT: 17.00 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-013-A

Tgt Ion:178 Resp: 821817

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.7	12.3	18.5

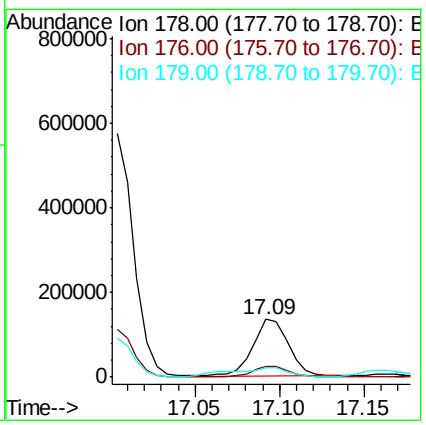


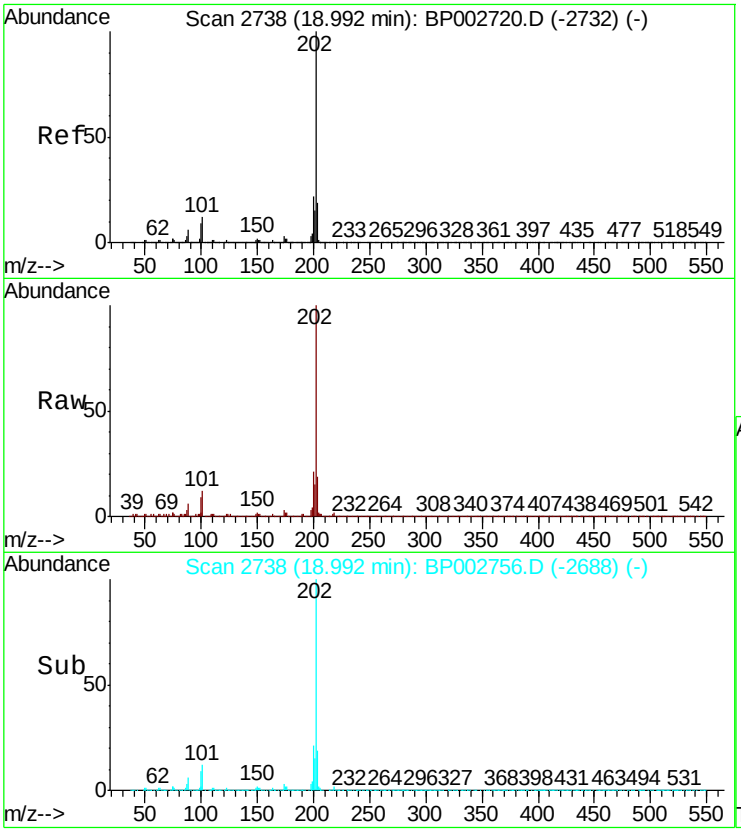


#72
Anthracene
Concen: 4.575 ng
RT: 17.09 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Tgt Ion:178 Resp: 199285

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.6	23.4
179	16.7	12.6	19.0



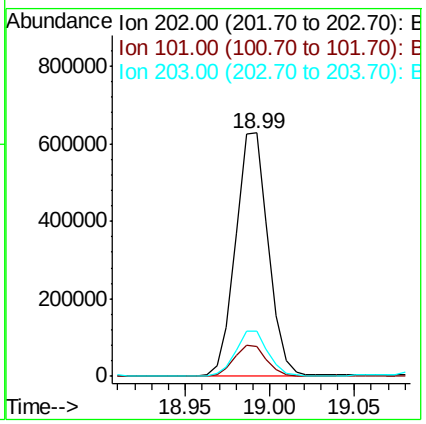


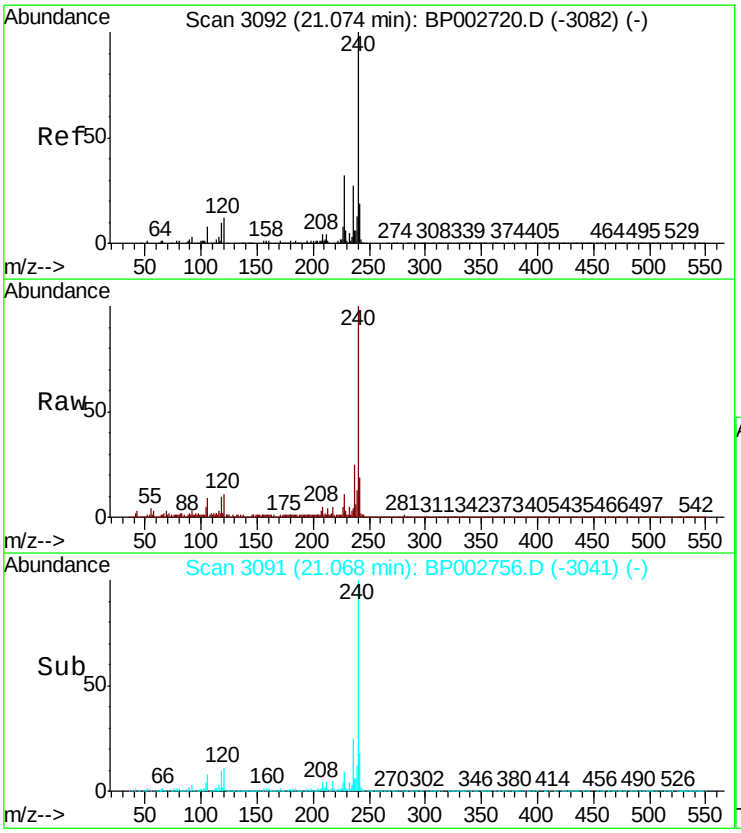
#75
Fluoranthene
Concen: 16.361 ng
RT: 18.99 min Scan# 2738
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-013-A

Tgt Ion:202 Resp: 841636

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.5
203	18.7	0.0	38.6

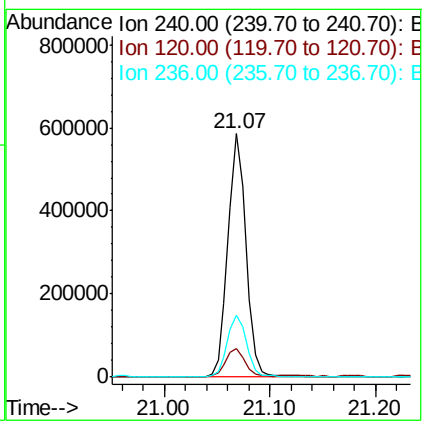


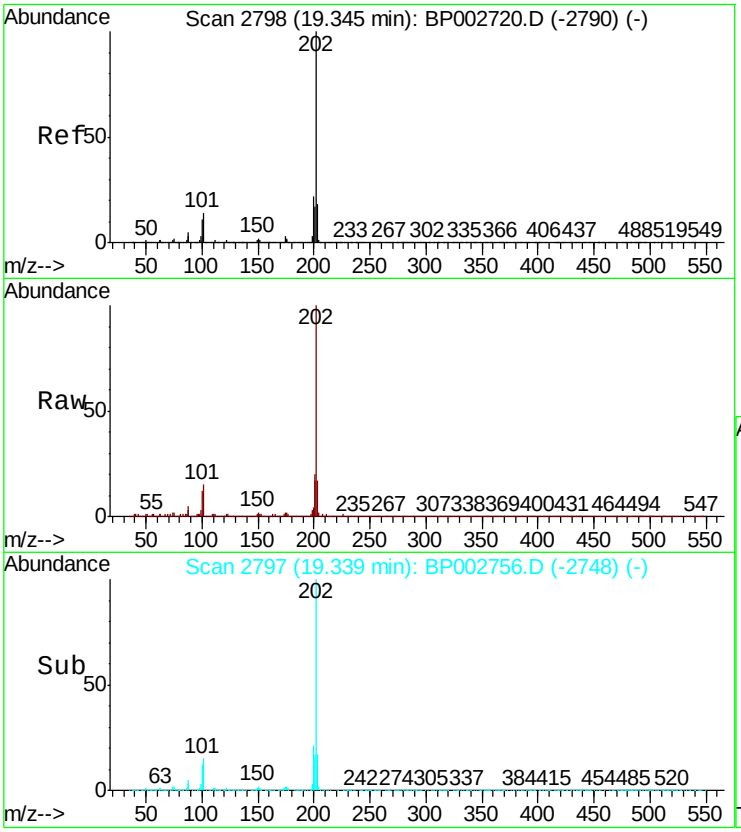


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Tgt Ion:240 Resp: 684073

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.4	14.2
236	25.3	21.3	31.9



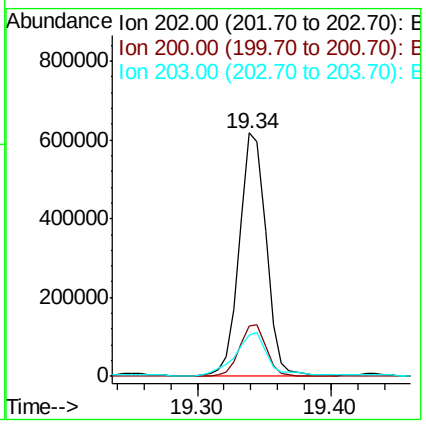


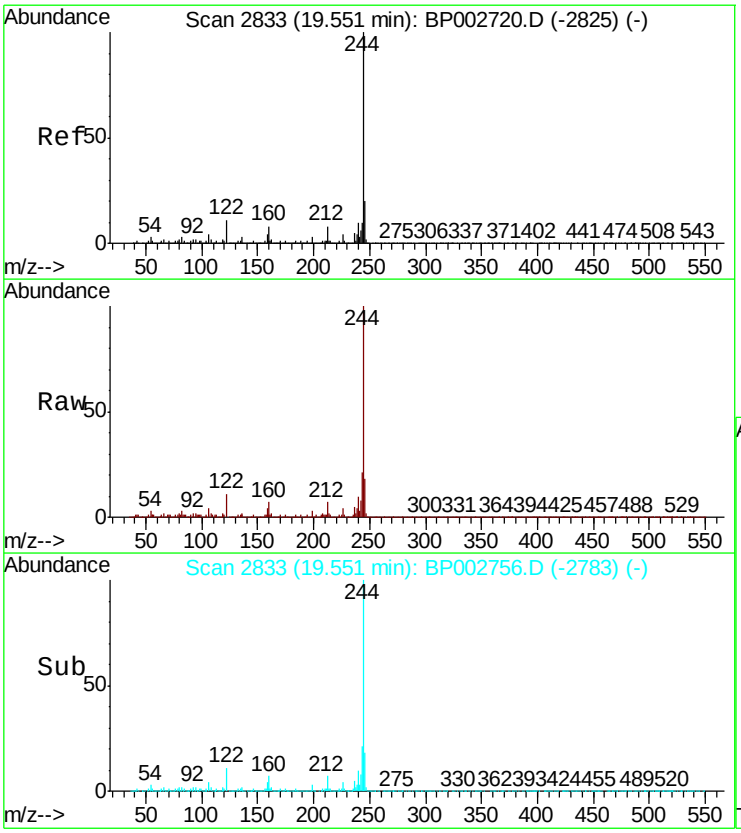
#78
Pyrene
Concen: 18.075 ng
RT: 19.34 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-013-A

Tgt Ion:202 Resp: 853673

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.7	26.5
203	17.2	14.5	21.7

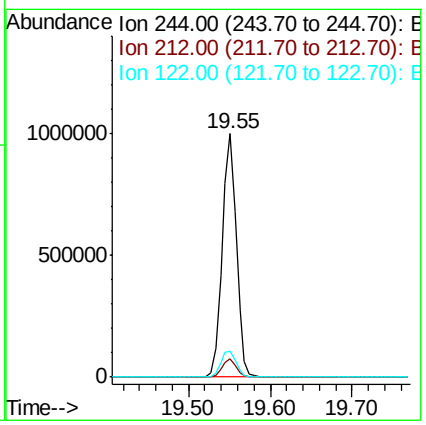


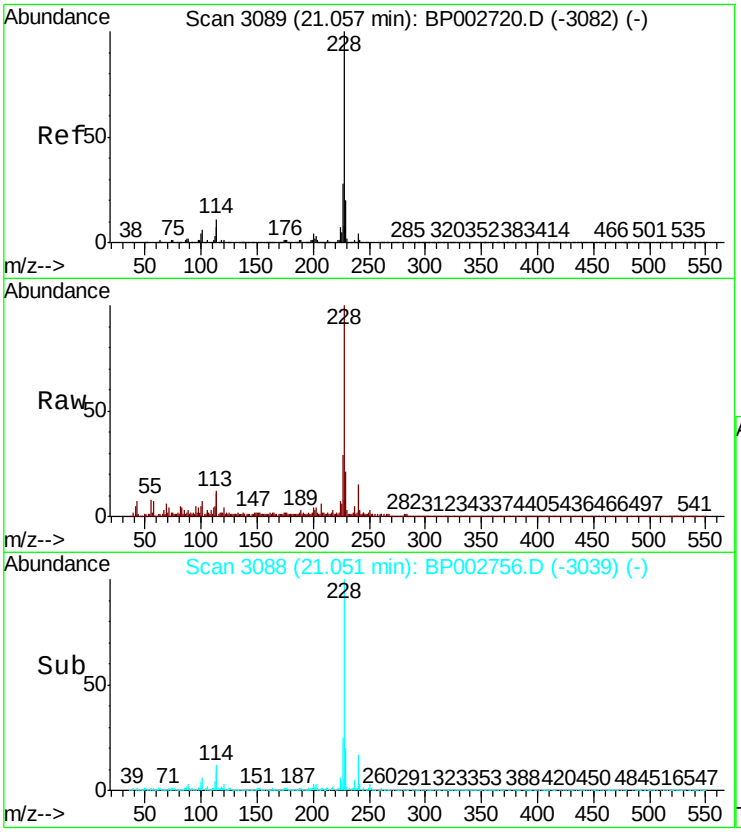


#79
Terphenyl-d14
Concen: 40.406 ng
RT: 19.55 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Tgt Ion:244 Resp: 1205568

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	10.8	8.9	13.3



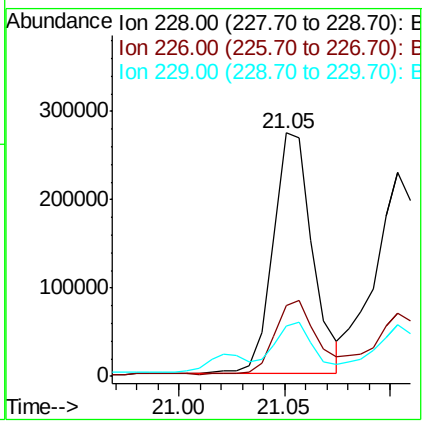


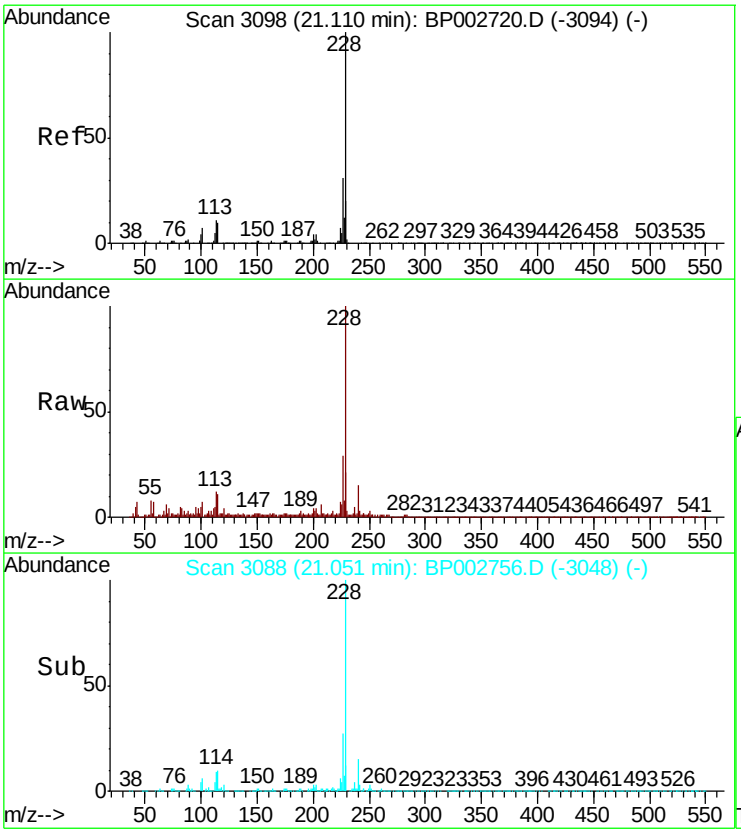
#81
Benzo(a)anthracene
Concen: 8.033 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-013-A

Tgt Ion:228 Resp: 355695

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	34.0
229	20.7	16.0	24.0

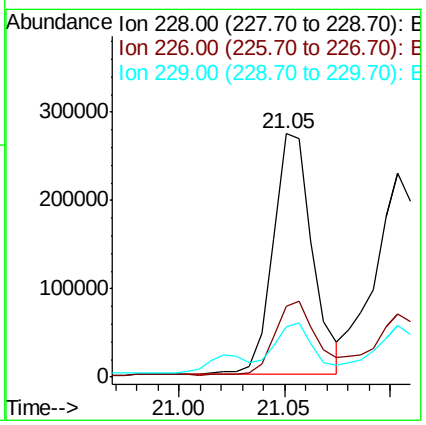


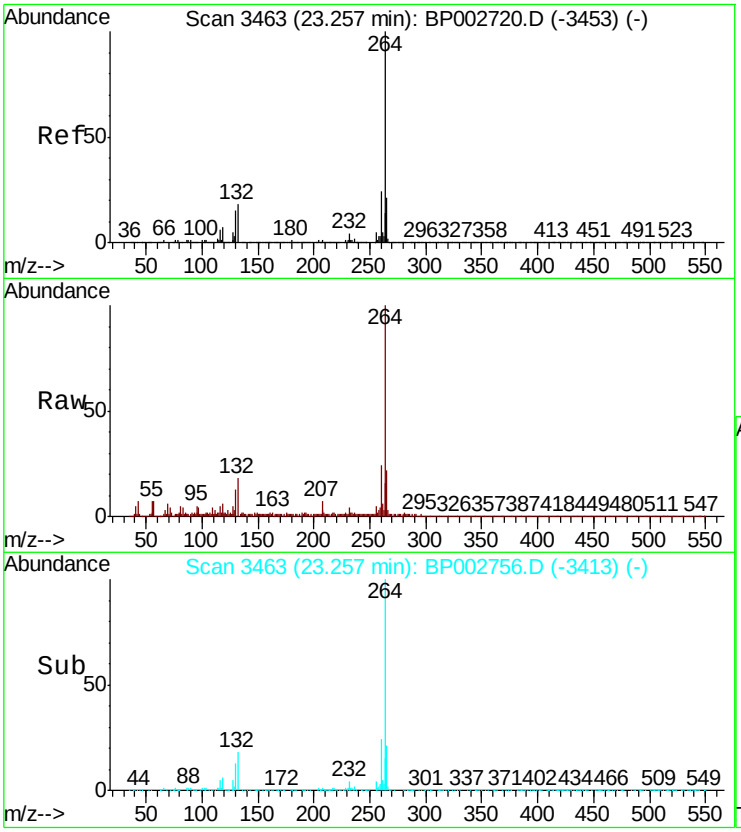


#83
Chrysene
Concen: 8.438 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.06 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Tgt Ion:228 Resp: 355695

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.6	37.0
229	20.7	15.7	23.5



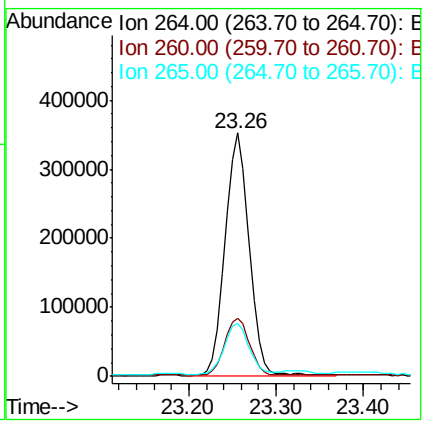


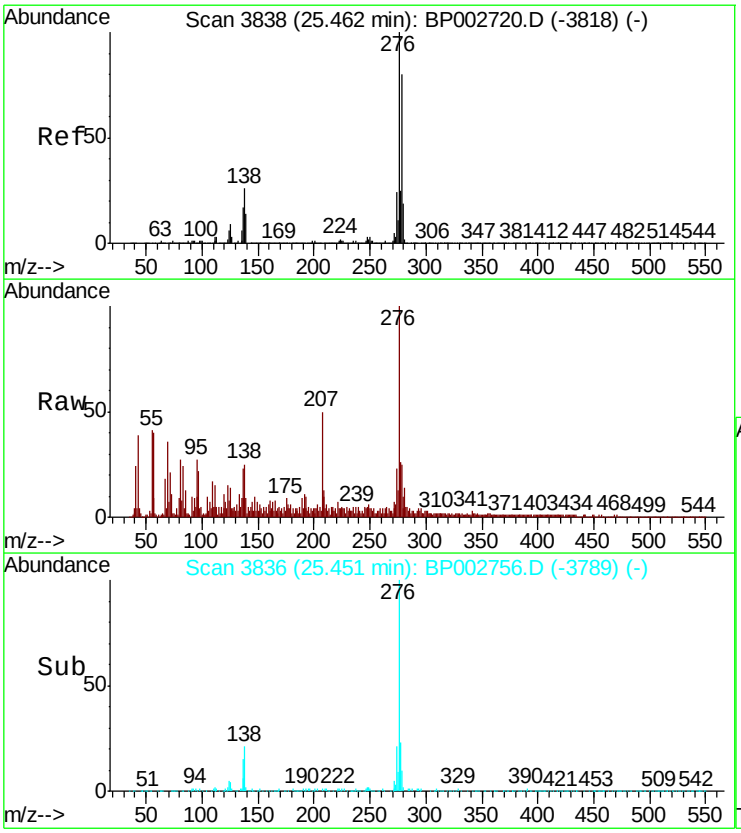
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-013-A

Tgt Ion:264 Resp: 657461

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.7	16.8	25.2

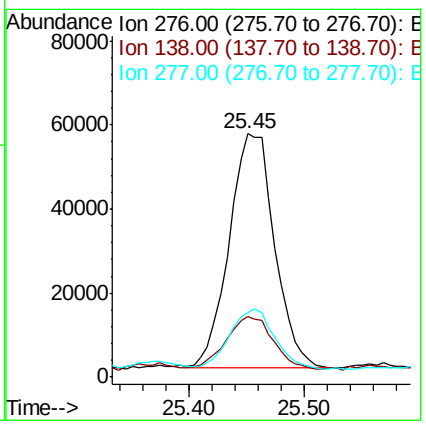


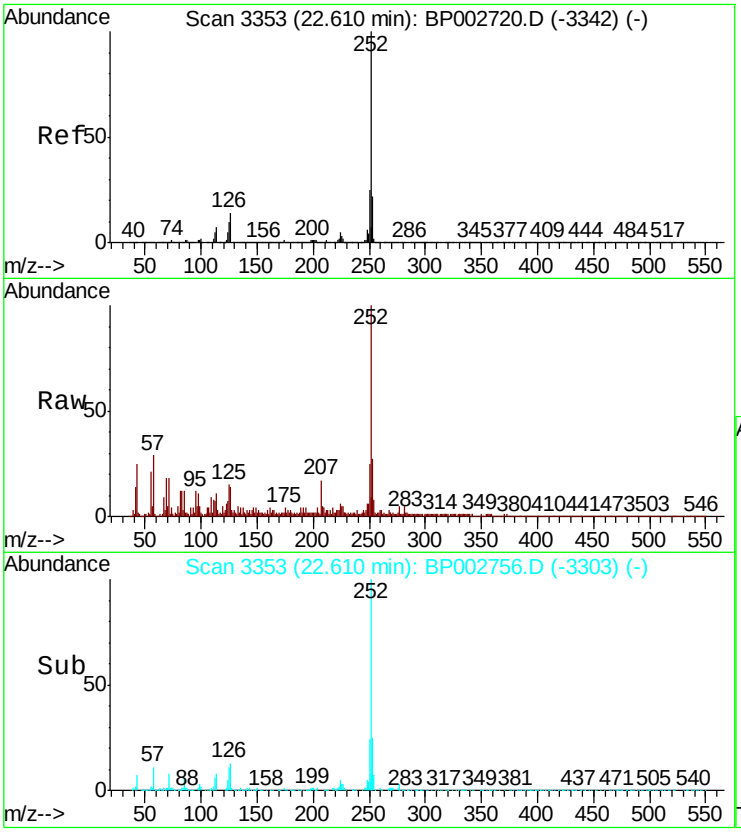


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.207 ng
RT: 25.45 min Scan# 3836
Delta R.T. -0.02 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Tgt Ion:276 Resp: 152371

Ion	Ratio	Lower	Upper
276	100		
138	23.8	20.8	31.2
277	25.2	20.0	30.0



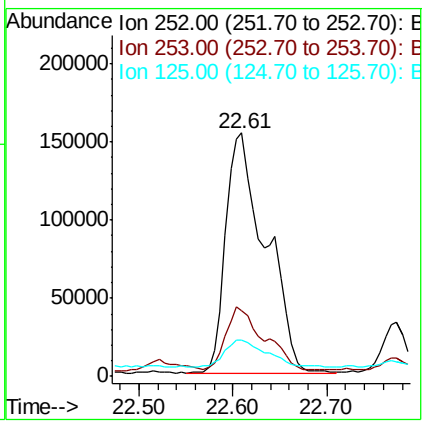


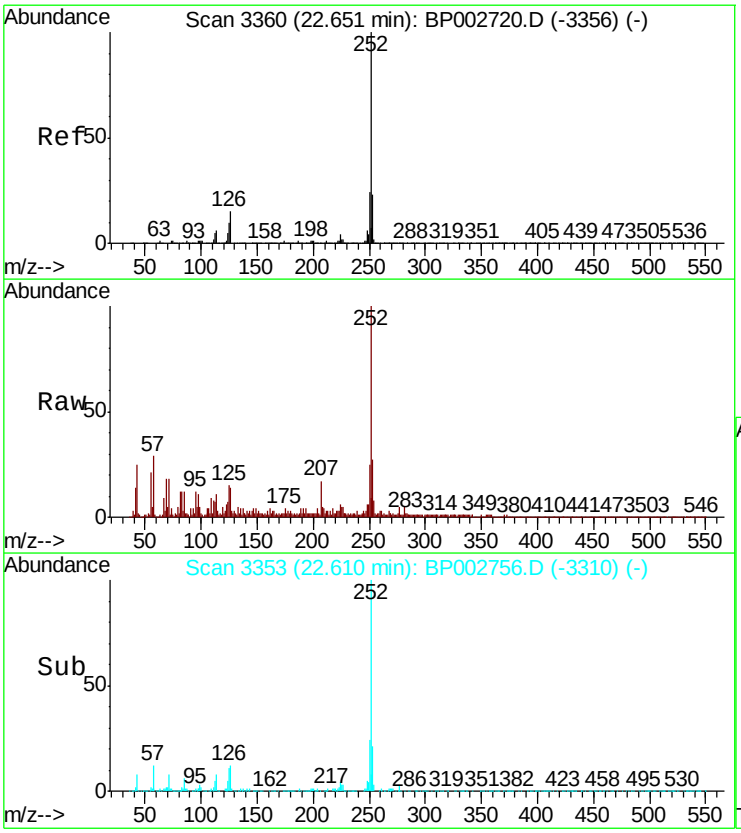
#88
Benzo(b)fluoranthene
Concen: 11.019 ng
RT: 22.61 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-013-A

Tgt Ion:252 Resp: 449861

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.7	26.5#
125	15.1	8.2	12.2#

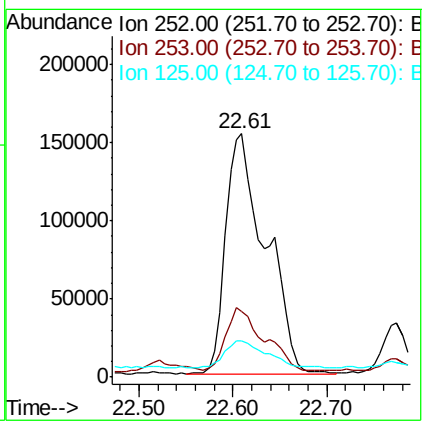


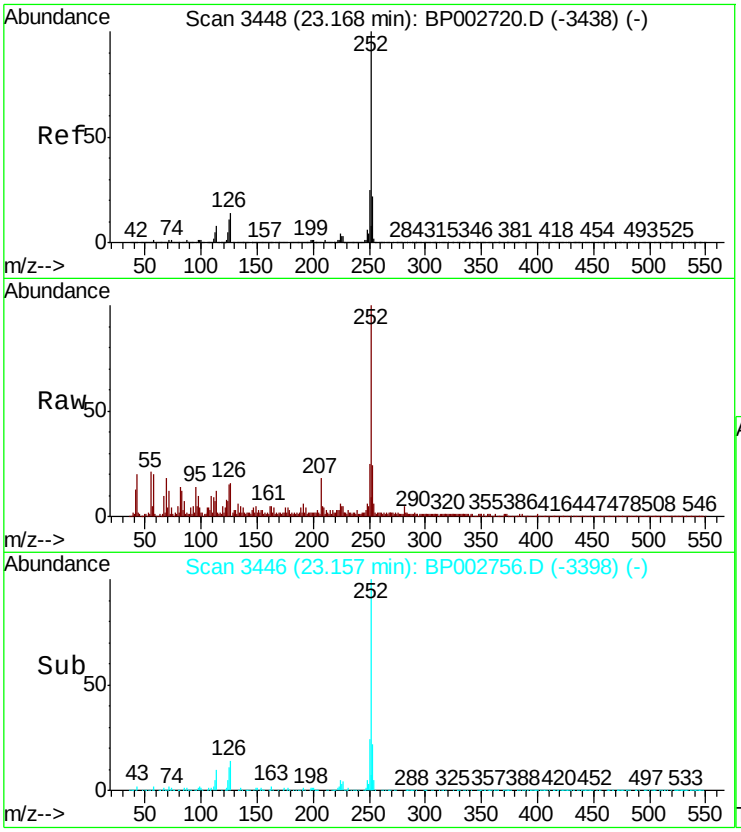


#89
Benzo(k)fluoranthene
Concen: 11.187 ng
RT: 22.61 min Scan# 3353
Delta R.T. -0.05 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Tgt Ion:252 Resp: 449861

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.8	26.8#
125	15.1	8.3	12.5#



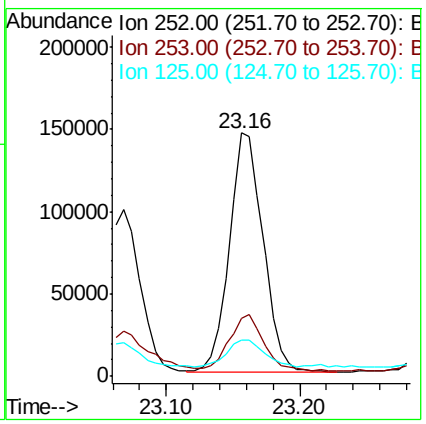


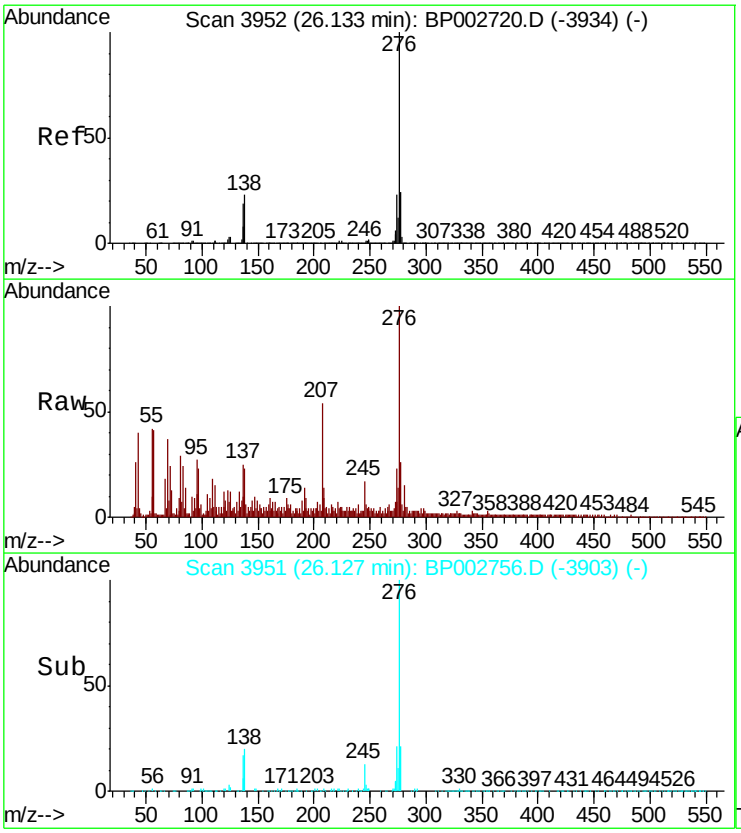
#90
Benzo(a)pyrene
Concen: 6.634 ng
RT: 23.16 min Scan# 3446
Delta R.T. -0.02 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Instrument :
BNA_P
ClientSampleId :
FK-GF-03-013-A

Tgt Ion:252 Resp: 256648

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	15.1	8.6	13.0#





#92
Benzo(g,h,i)perylene
Concen: 4.132 ng
RT: 26.13 min Scan# 3951
Delta R.T. -0.02 min
Lab File: BP002756.D
Acq: 15 Jul 2020 16:13

Tgt Ion:276 Resp: 160551

Ion	Ratio	Lower	Upper
276	100		
277	26.2	19.1	28.7
138	23.4	18.3	27.5