Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
Data File : BP002812.D
Acq On : 21 Jul 2020 14:03
Operator : CG/JU
Sample : L3352-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HS-01

Quant Time: Jul 21 15:09:00 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	130005	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	507321	20.00	ng		-0.01
39) Acenaphthene-d10	14.20	164	309378	20.00	ng		-0.01
64) Phenanthrene-d10	16.96	188	653932	20.00	ng		-0.01
76) Chrysene-d12	21.07	240	546964	20.00	ng		0.00
86) Perylene-d12	23.26	264	626665	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	1008158	130.84	ng		0.00
7) Phenol-d6	6.75	99	1300592	118.27	ng		0.00
23) Nitrobenzene-d5	8.69	82	813943	85.81	ng		-0.01
42) 2,4,6-Tribromophenol	15.70	330	527206	163.25	ng		0.00
45) 2-Fluorobiphenyl	12.81	172	1714288	85.72	ng		-0.01
79) Terphenyl-d14	19.55	244	2036212	85.35	ng		-0.01
Target Compounds							Qvalue
32) Benzoic acid	9.70	122	114	7.080	ng	#	87
41) Hexachlorocyclopentadiene	12.36	237	11	7.437	ng		76
50) Dimethylphthalate	13.66	163	244329	10.355	ng		99
54) 2,4-Dinitrophenol	14.33	184	16	11.379	ng	#	1
56) 4-Nitrophenol	14.47	139	105	4.994	ng	#	56
65) 4,6-Dinitro-2-methylphenol	15.36	198	19	5.271	ng	#	1
70) Pentachlorophenol	16.70	266	41	7.452	ng		88
71) Phenanthrene	17.00	178	153965	4.349	ng		99
72) Anthracene	17.09	178	73052	2.103	ng		98
75) Fluoranthene	18.99	202	556704	13.570	ng		99
78) Pyrene	19.34	202	565463	14.973	ng		99
81) Benzo(a)anthracene	21.05	228	340112	9.606	ng		99
83) Chrysene	21.10	228	327567	9.719	ng		98
87) Indeno(1,2,3-cd)pyrene	25.46	276	256832	5.670	ng	#	93
88) Benzo(b)fluoranthene	22.60	252	451613	11.606	ng		98
89) Benzo(k)fluoranthene	22.60	252	451613	11.783	ng		98
90) Benzo(a)pyrene	23.16	252	328786	8.916	ng		98
92) Benzo(g,h,i)perylene	26.13	276	255107	6.888	ng		96

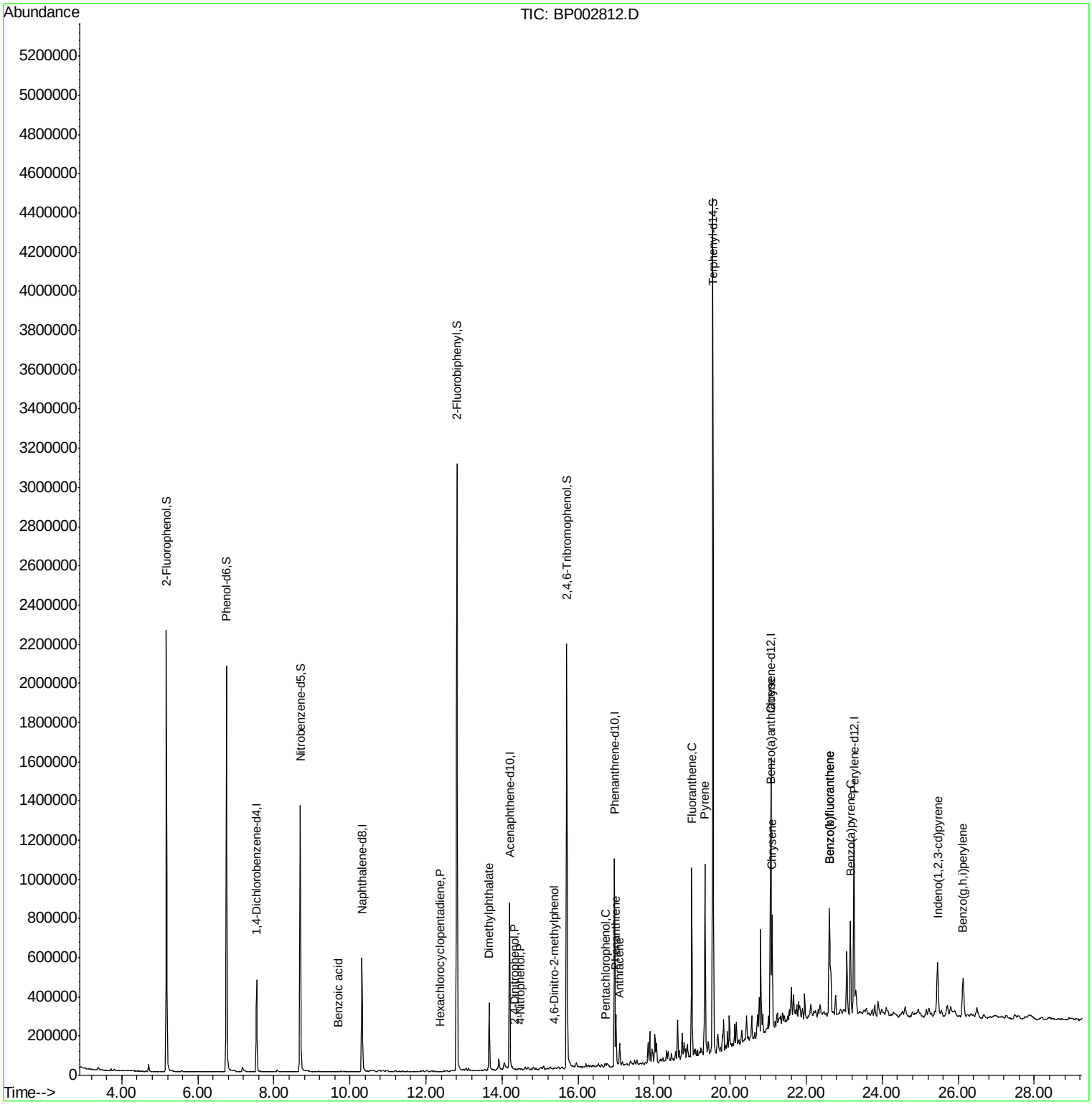
(#) = qualifier out of range (m) = manual integration (+) = signals summed

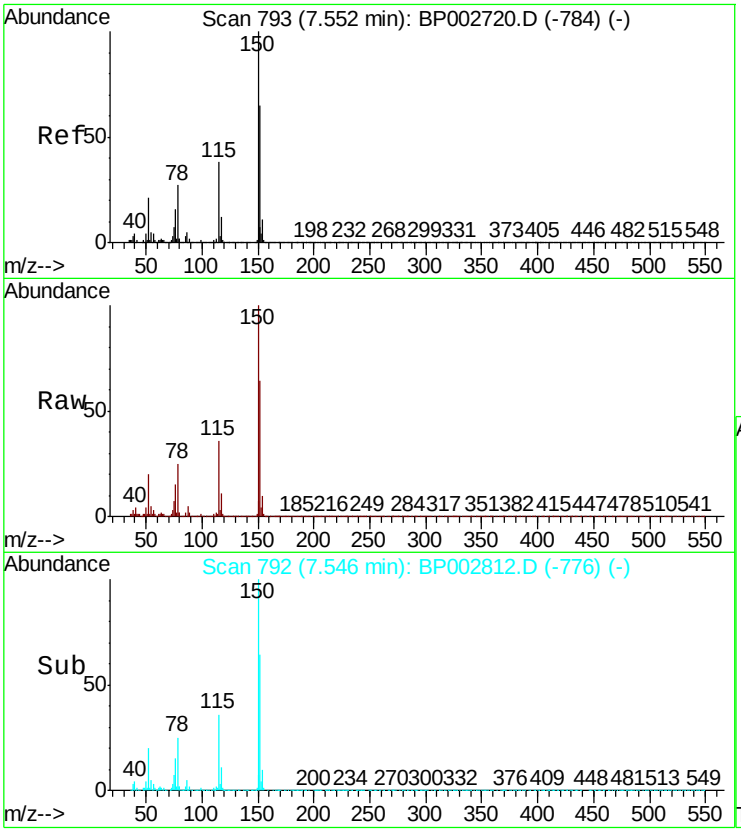
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
Data File : BP002812.D
Acq On : 21 Jul 2020 14:03
Operator : CG/JU
Sample : L3352-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : HS-01

Quant Time: Jul 21 15:09:00 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



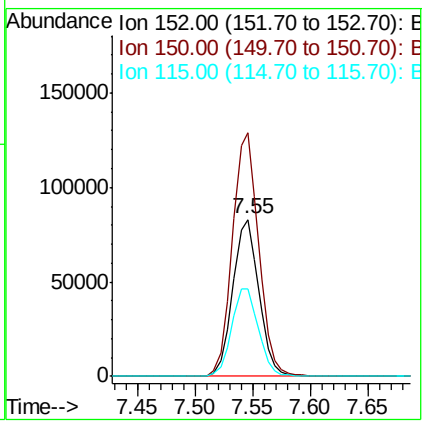


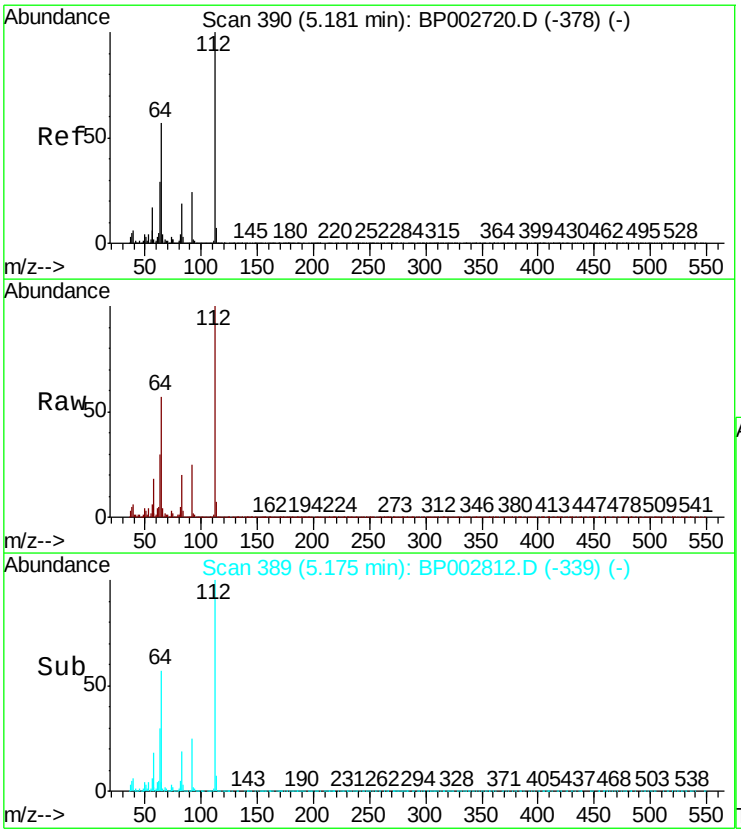
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
HS-01

Tgt Ion:152 Resp: 130005

Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.7	185.5
115	56.1	47.2	70.8

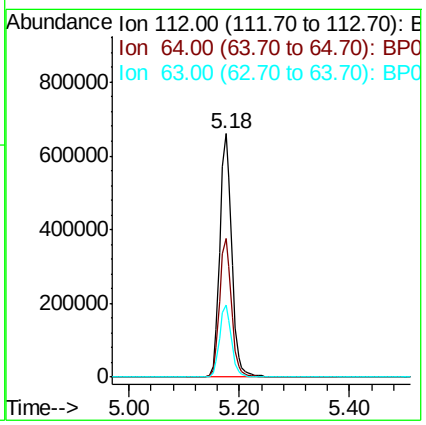


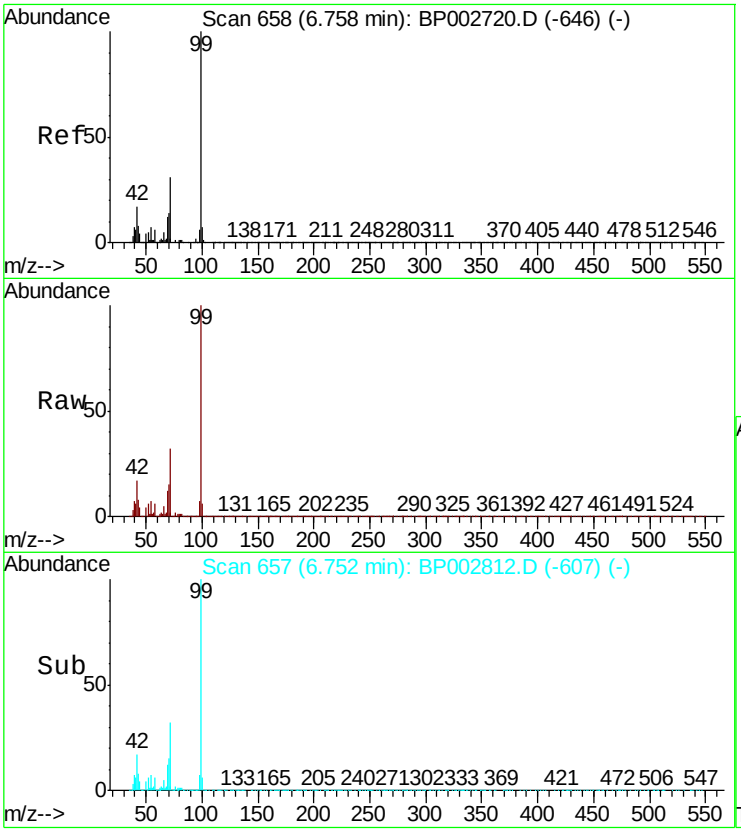


#5
2-Fluorophenol
Concen: 130.837 ng
RT: 5.18 min Scan# 389
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Tgt Ion:112 Resp: 1008158

Ion	Ratio	Lower	Upper
112	100		
64	56.7	45.6	68.4
63	29.8	23.5	35.3



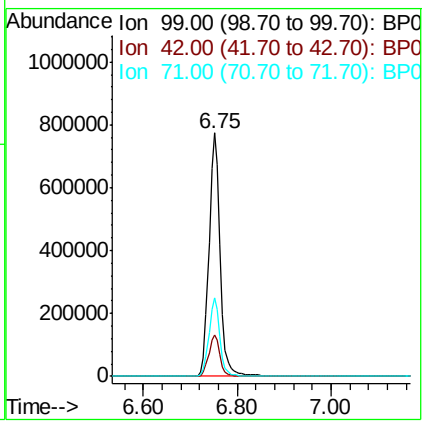


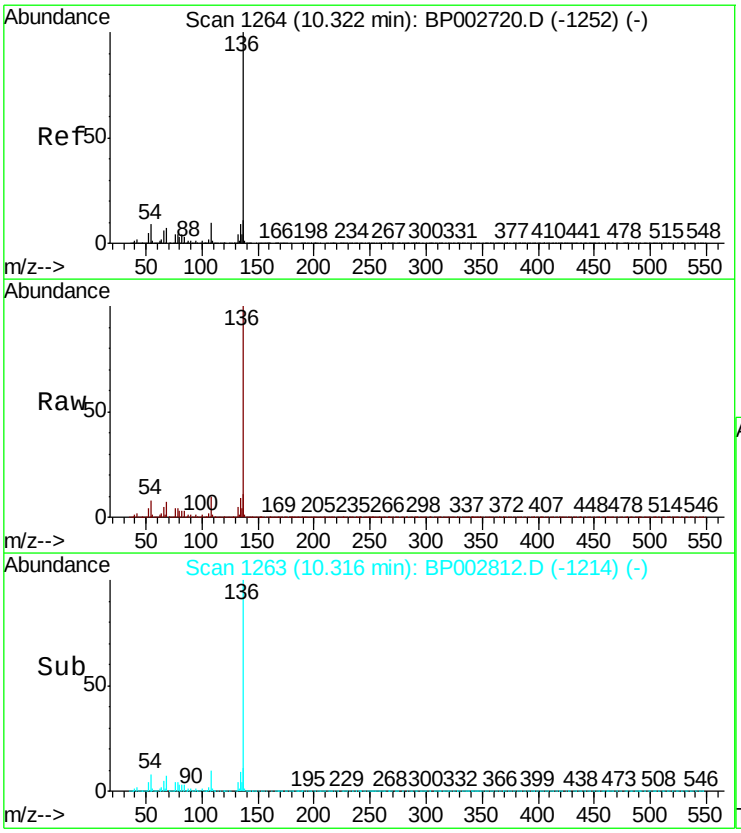
#7
Phenol-d6
Concen: 118.269 ng
RT: 6.75 min Scan# 657
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
HS-01

Tgt Ion: 99 Resp: 1300592

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.4	20.2
71	32.0	24.6	36.8

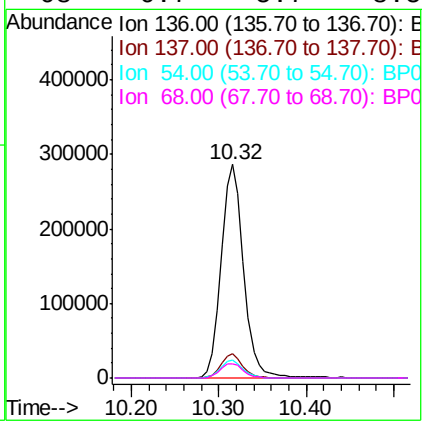


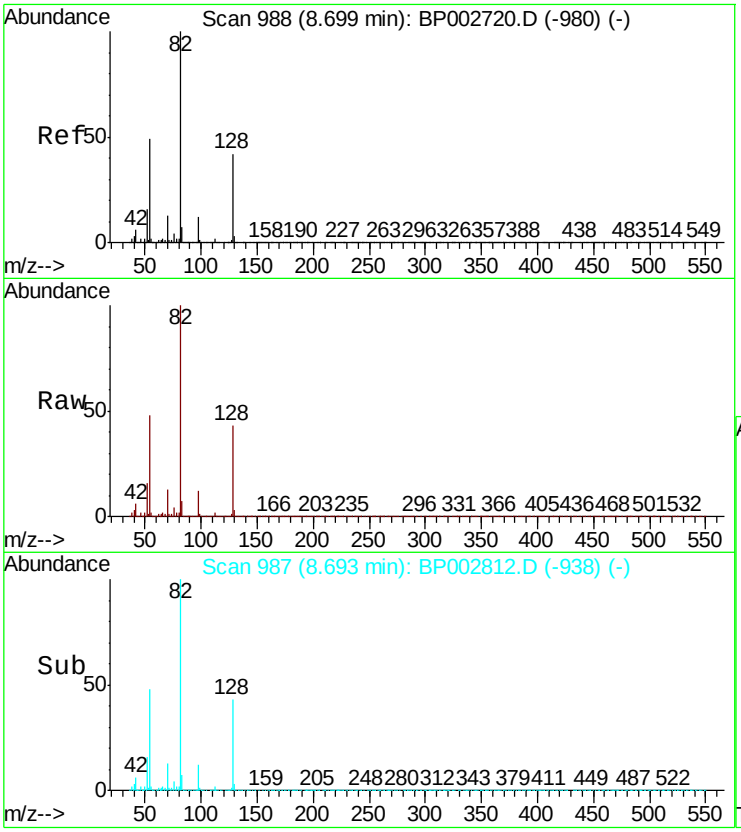


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Tgt Ion:136 Resp: 507321

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.2	6.9	10.3
68	6.7	5.7	8.5



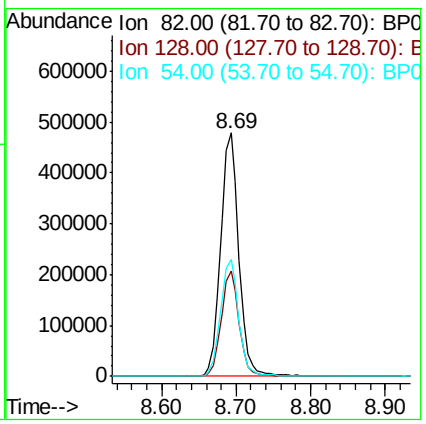


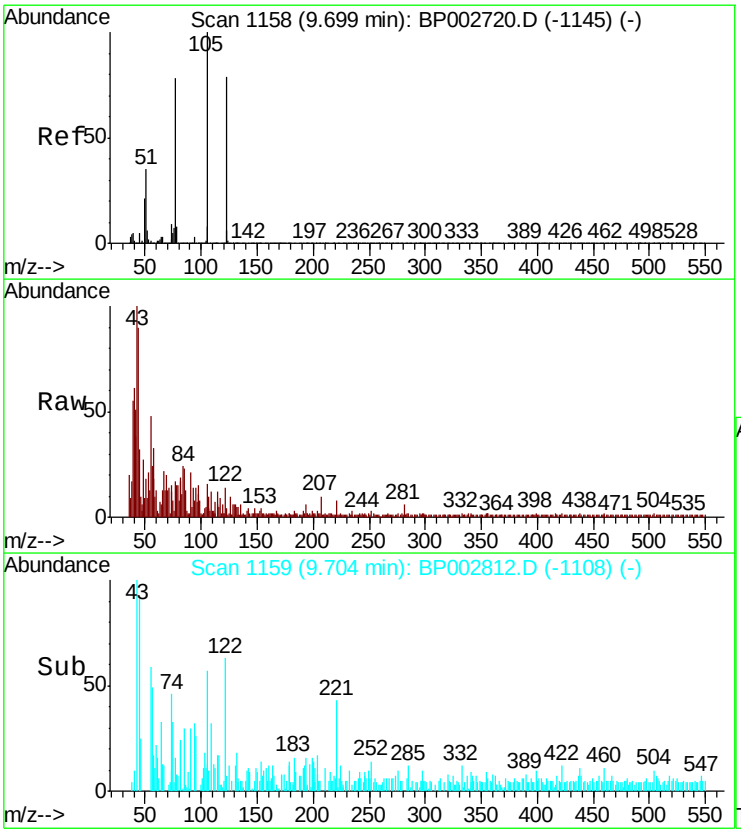
#23
Nitrobenzene-d5
Concen: 85.809 ng
RT: 8.69 min Scan# 987
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
HS-01

Tgt Ion: 82 Resp: 813943

Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.8	50.8
54	48.1	38.8	58.2

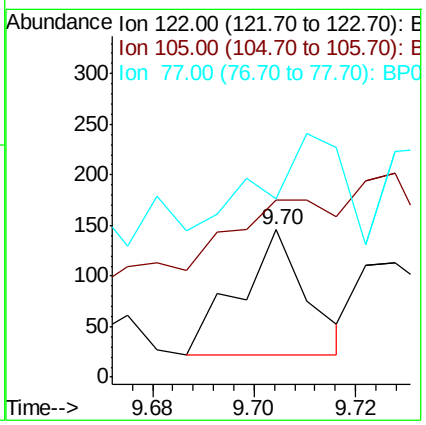


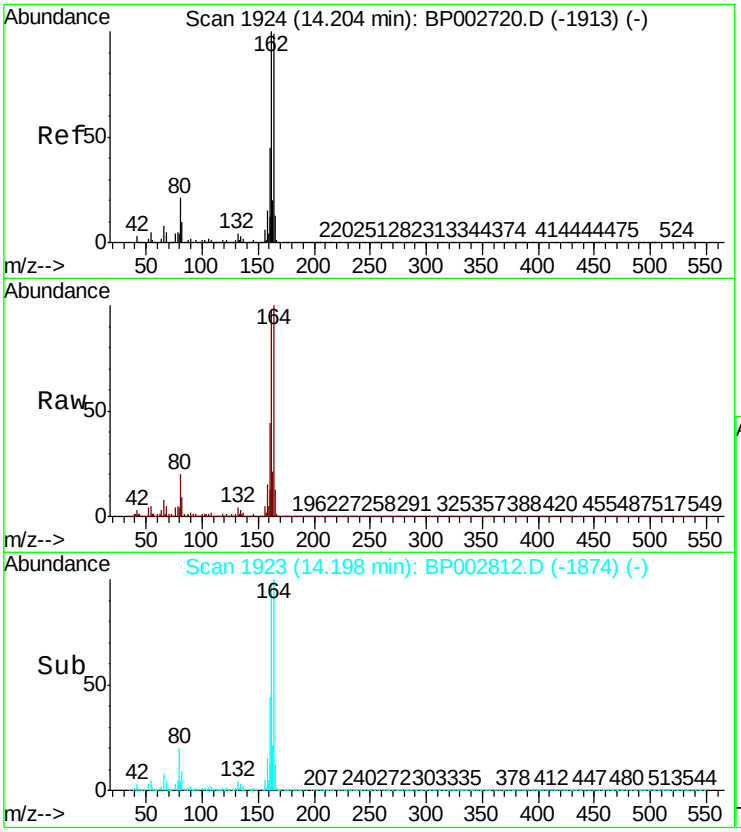


#32
Benzoic acid
Concen: 7.080 ng
RT: 9.70 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Tgt Ion:122 Resp: 114

Ion	Ratio	Lower	Upper
122	100		
105	119.9	105.4	145.4
77	120.5	78.5	118.5#



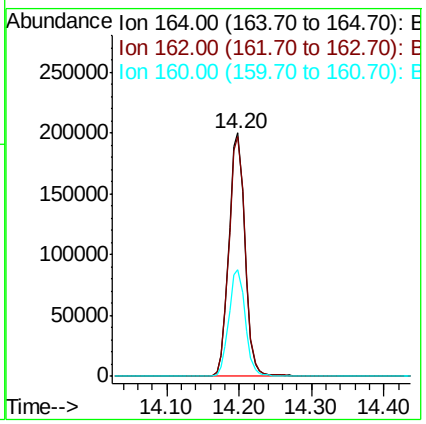


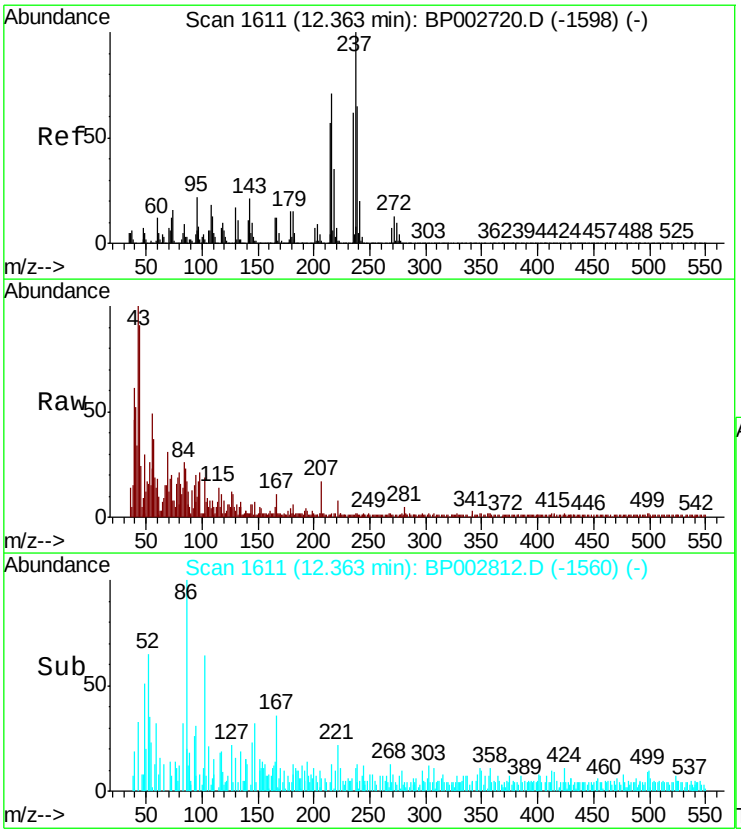
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
HS-01

Tgt Ion:164 Resp: 309378

Ion	Ratio	Lower	Upper
164	100		
162	98.3	80.6	121.0
160	44.0	36.4	54.6

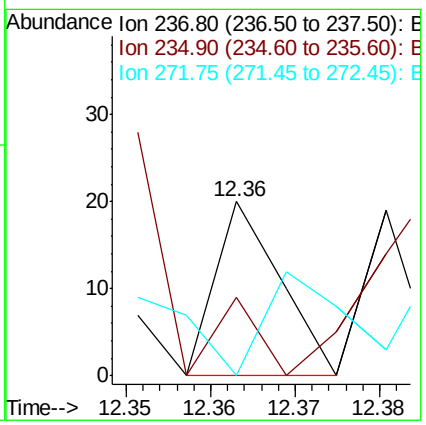


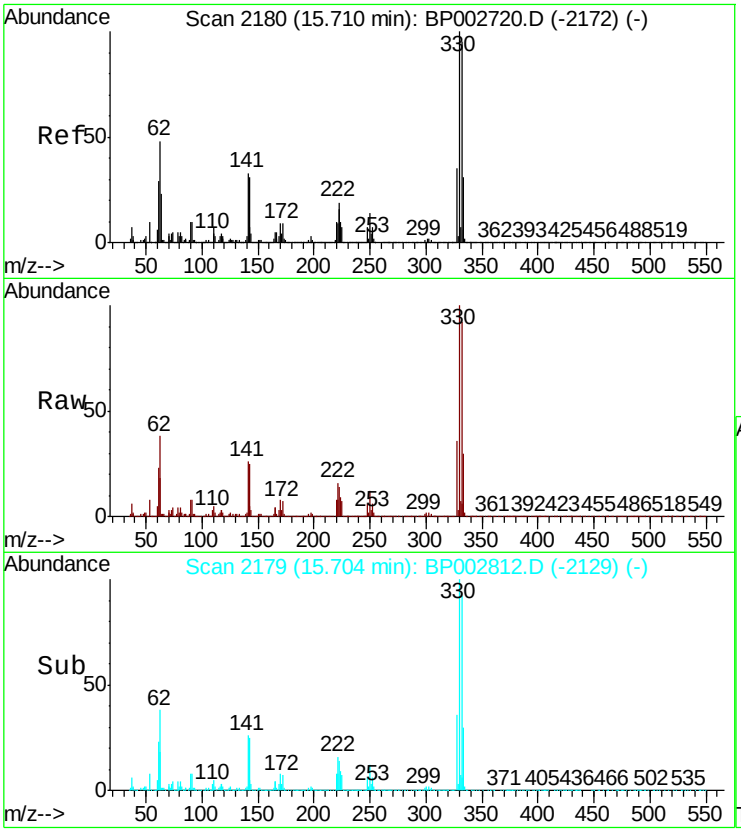


#41
Hexachlorocyclopentadiene
Concen: 7.437 ng
RT: 12.36 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Tgt Ion:237 Resp: 11

Ion	Ratio	Lower	Upper
237	100		
235	45.0	42.3	82.3
272	0.0	0.0	32.5



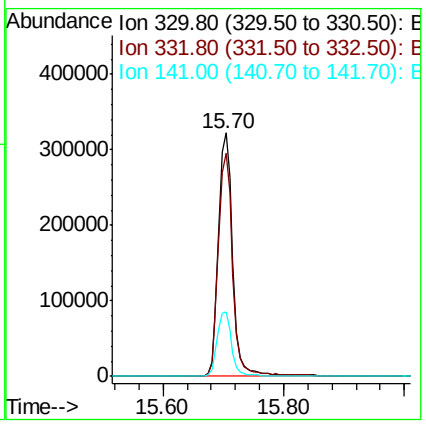


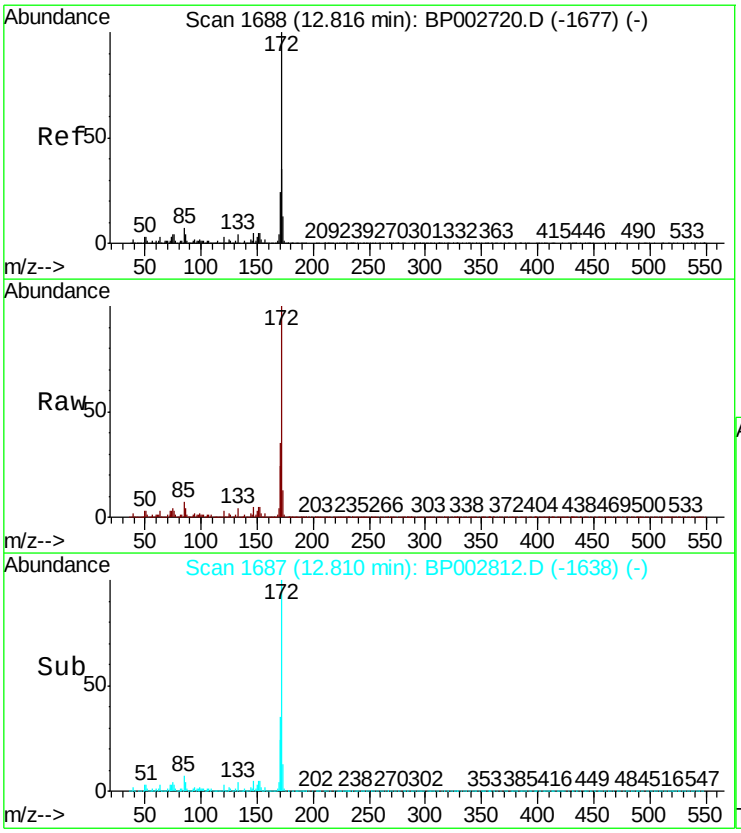
#42
2,4,6-Tribromophenol
Concen: 163.251 ng
RT: 15.70 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
HS-01

Tgt Ion:330 Resp: 527206

Ion	Ratio	Lower	Upper
330	100		
332	92.9	76.5	114.7
141	27.3	28.8	43.2#

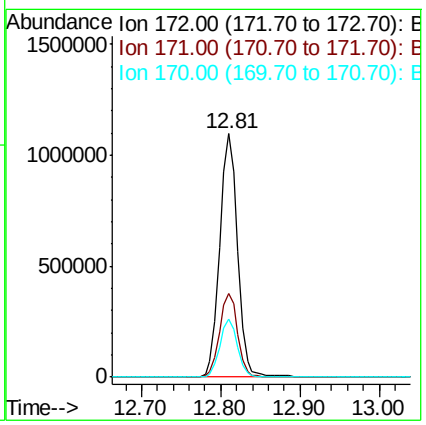


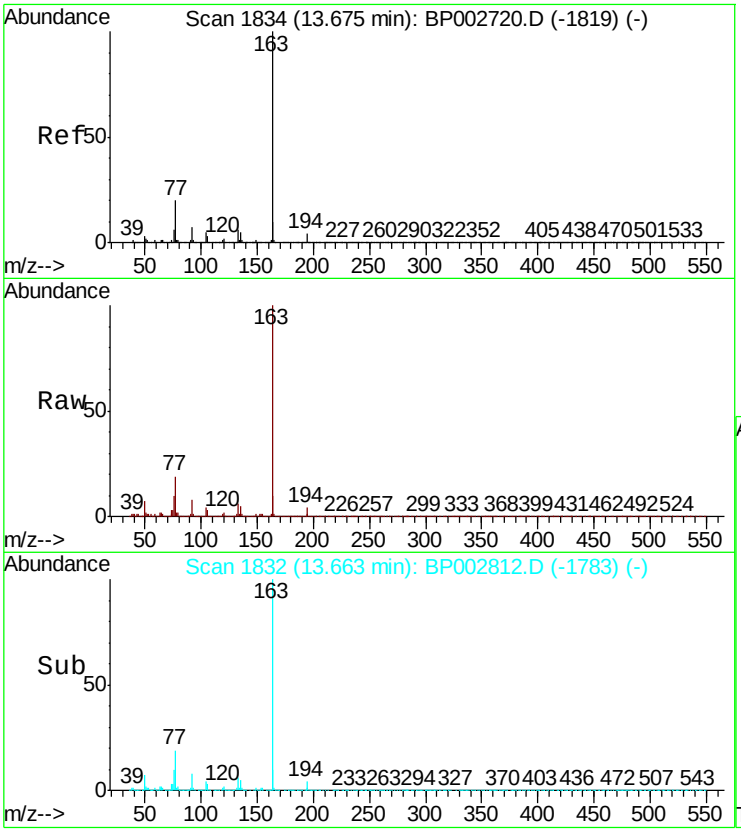


#45
2-Fluorobiphenyl
Concen: 85.719 ng
RT: 12.81 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Tgt Ion:172 Resp: 1714288

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.1	42.1
170	24.1	19.3	28.9



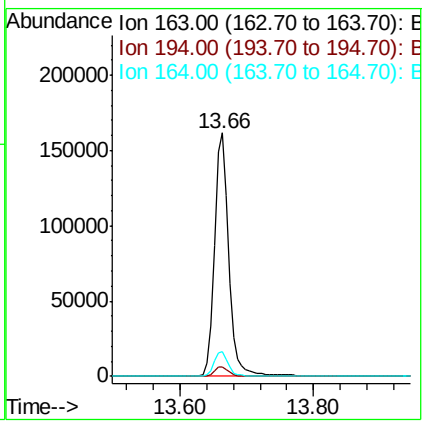


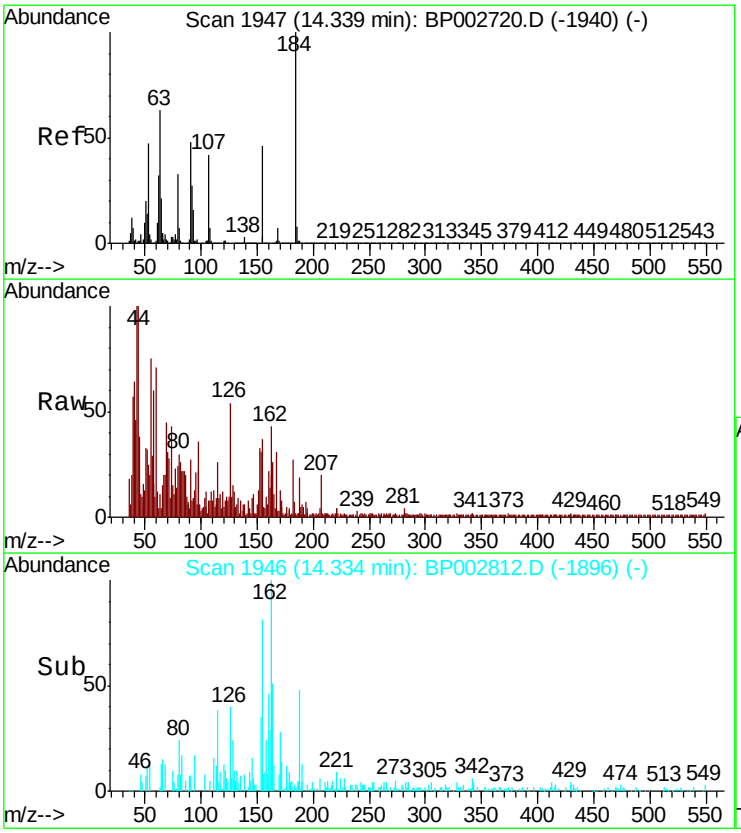
#50
Dimethylphthalate
Concen: 10.355 ng
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
HS-01

Tgt Ion:163 Resp: 244329

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.1	7.8	11.8

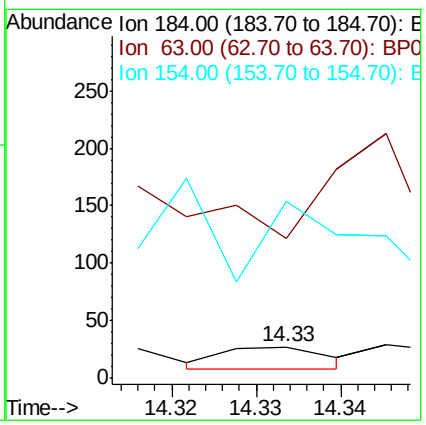


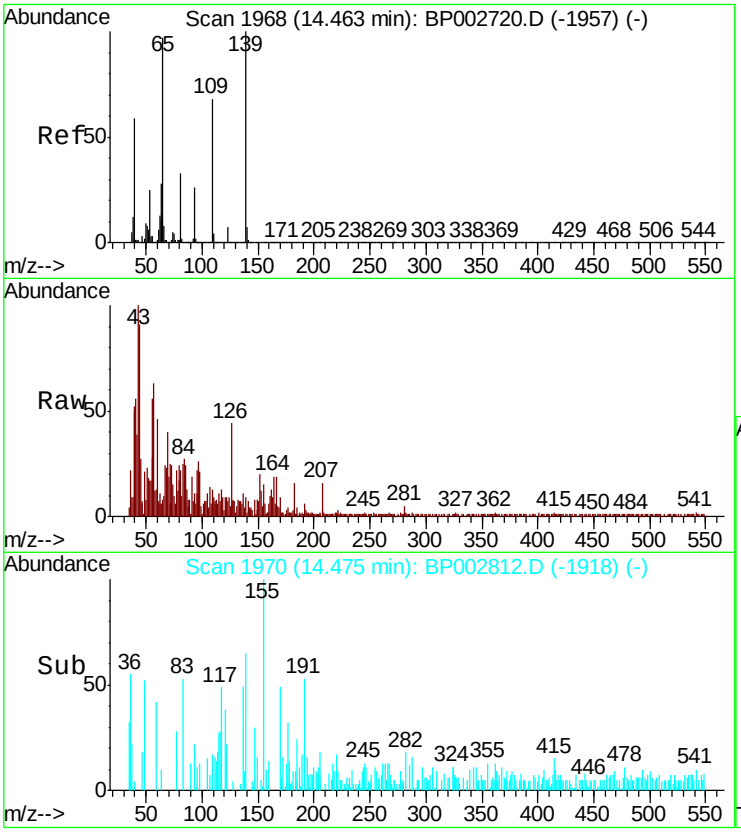


#54
2,4-Dinitrophenol
Concen: 11.379 ng
RT: 14.33 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Tgt Ion:184 Resp: 16

Ion	Ratio	Lower	Upper
184	100		
63	451.9	51.6	77.4#
154	570.4	45.0	67.6#



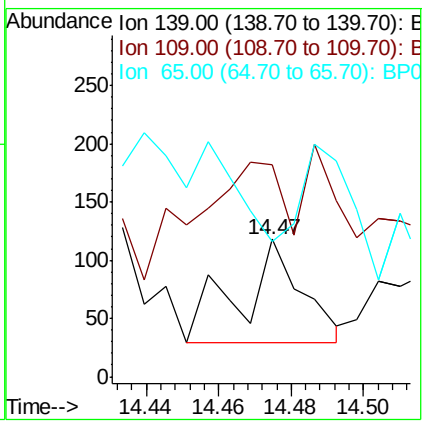


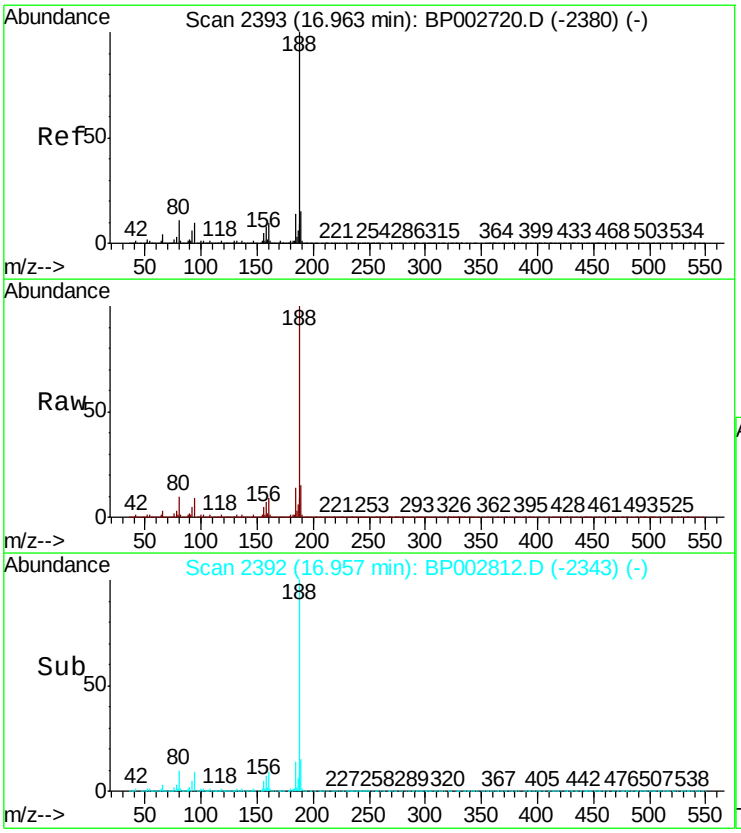
#56
4-Nitrophenol
Concen: 4.994 ng
RT: 14.47 min Scan# 1970
Delta R.T. 0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
HS-01

Tgt Ion:139 Resp: 105

Ion	Ratio	Lower	Upper
139	100		
109	154.2	48.1	88.1#
65	98.3	77.9	117.9

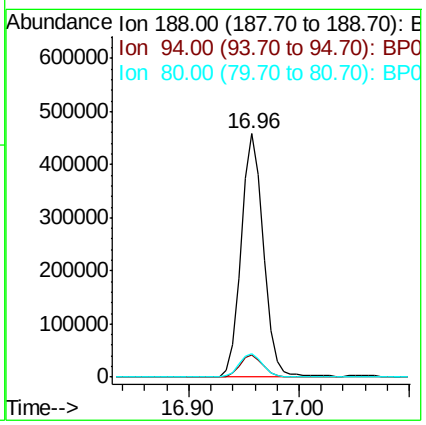


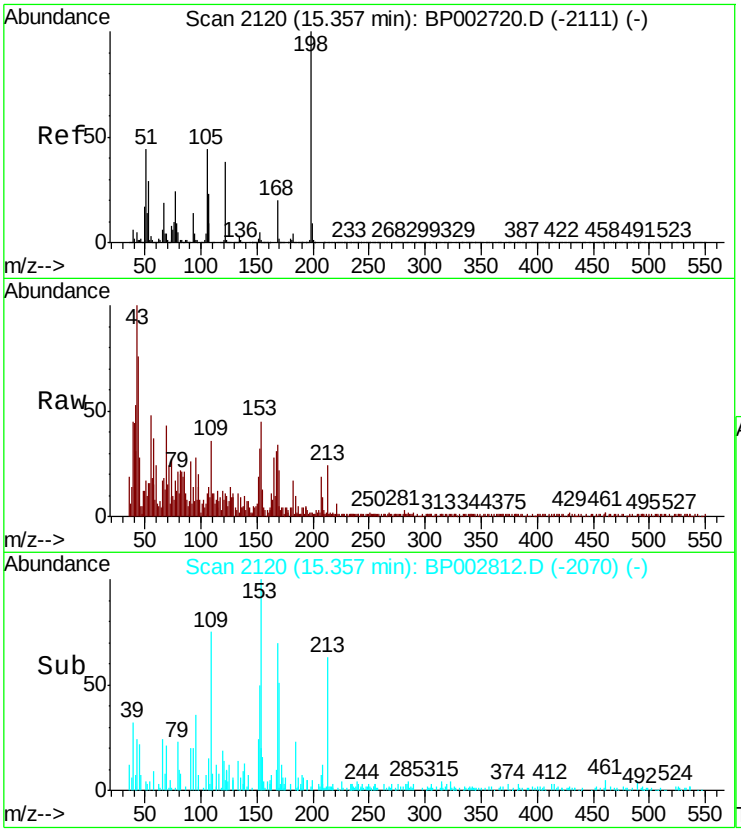


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Tgt Ion:188 Resp: 653932

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.1	12.1
80	9.6	8.9	13.3



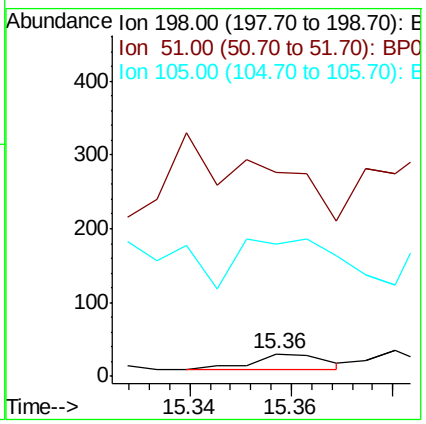


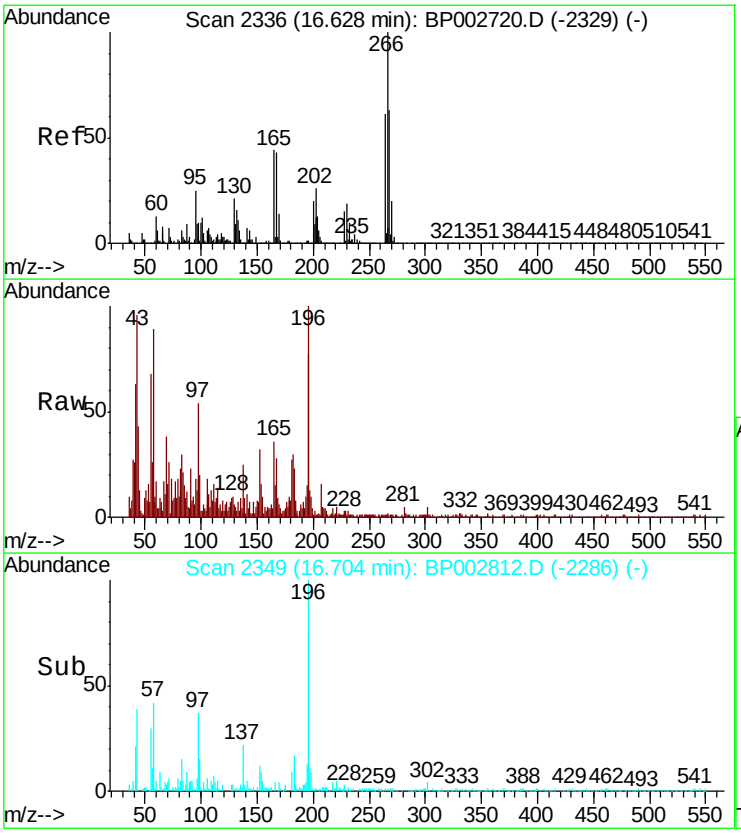
#65
4,6-Dinitro-2-methylphenol
Concen: 5.271 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
HS-01

Tgt Ion:198 Resp: 19

Ion	Ratio	Lower	Upper
198	100		
51	923.3	27.1	67.1#
105	596.7	24.9	64.9#

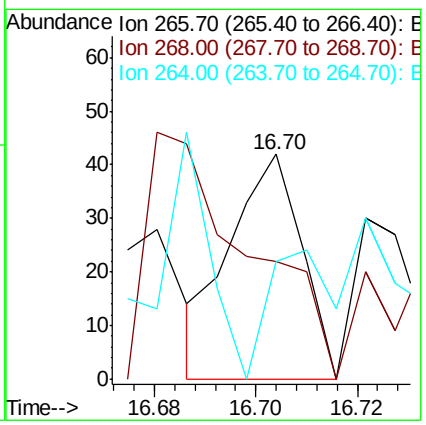


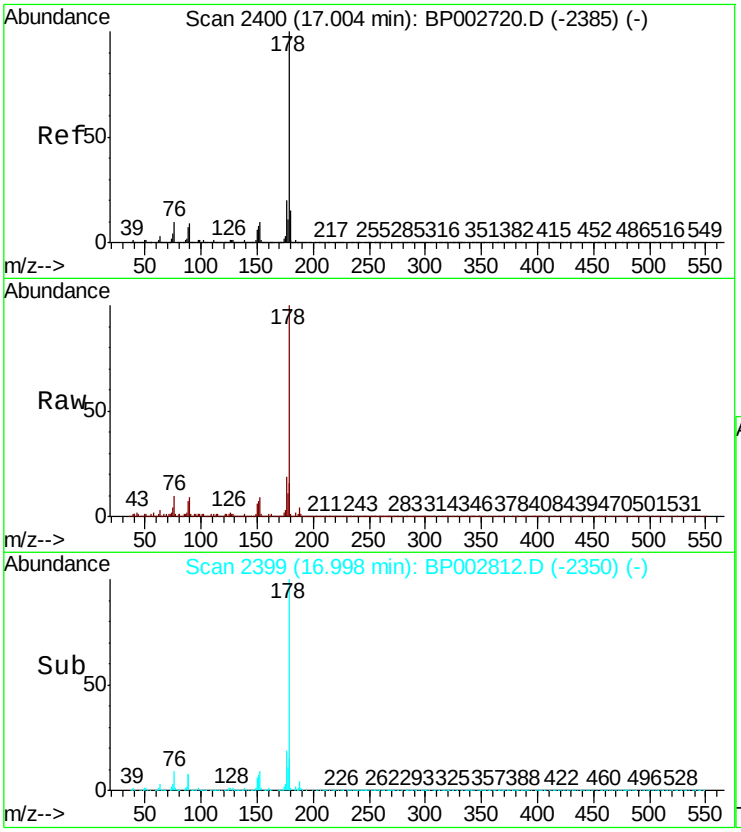


#70
Pentachlorophenol
Concen: 7.452 ng
RT: 16.70 min Scan# 2349
Delta R.T. 0.07 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Tgt Ion:266 Resp: 41

Ion	Ratio	Lower	Upper
266	100		
268	52.4	50.6	75.8
264	52.4	48.6	72.8



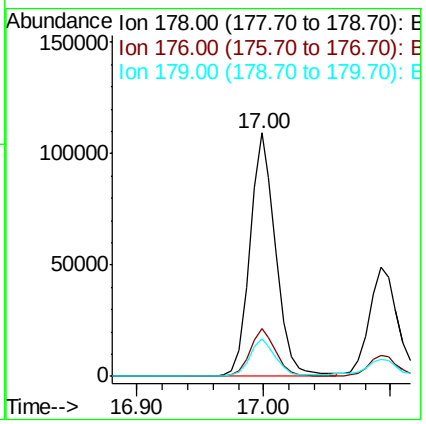


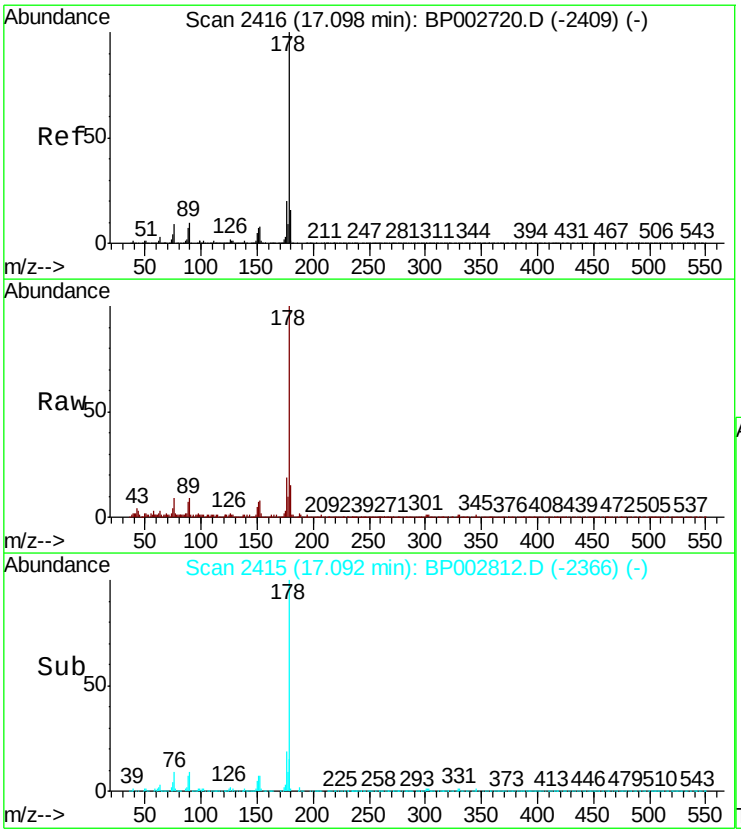
#71
Phenanthrene
Concen: 4.349 ng
RT: 17.00 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
HS-01

Tgt Ion:178 Resp: 153965

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	15.6	12.3	18.5

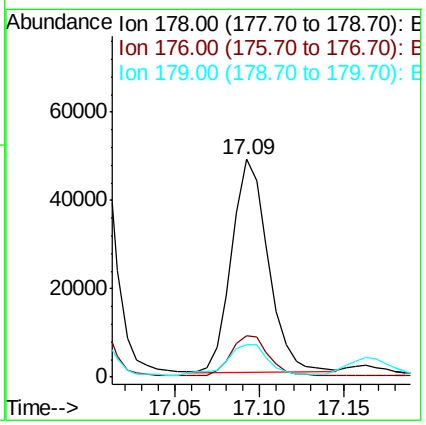


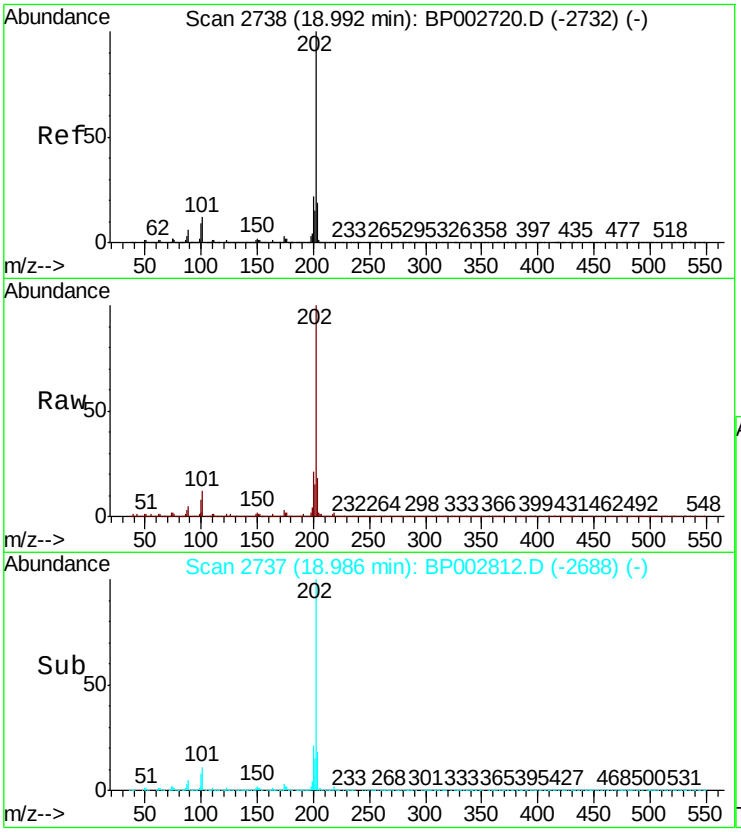


#72
Anthracene
Concen: 2.103 ng
RT: 17.09 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Tgt Ion:178 Resp: 73052

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	15.1	12.6	19.0



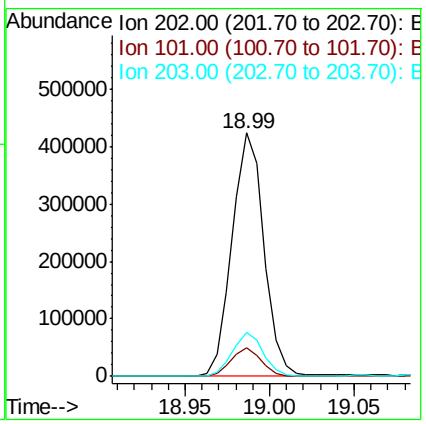


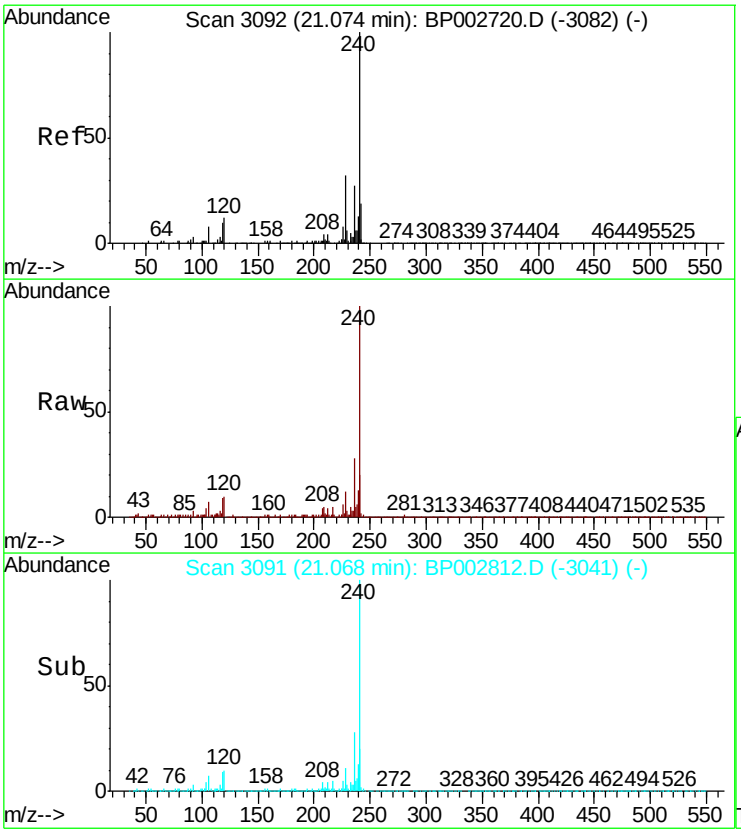
#75
Fluoranthene
Concen: 13.570 ng
RT: 18.99 min Scan# 2737
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
HS-01

Tgt Ion:202 Resp: 556704

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	32.5
203	18.3	0.0	38.6

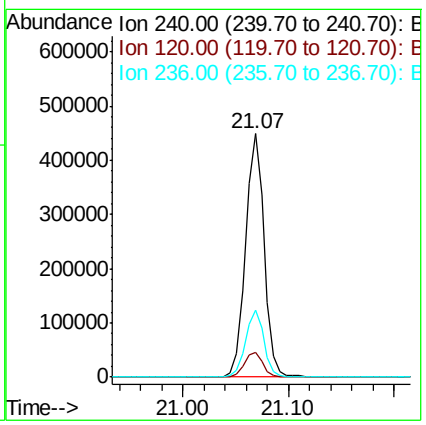


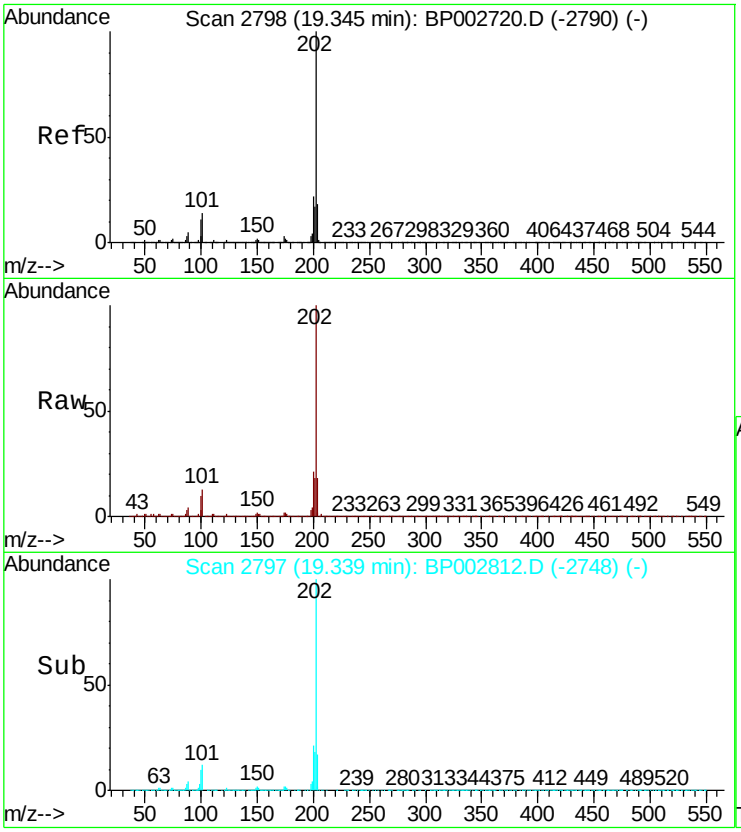


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Tgt Ion:240 Resp: 546964

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.4	14.2
236	27.7	21.3	31.9



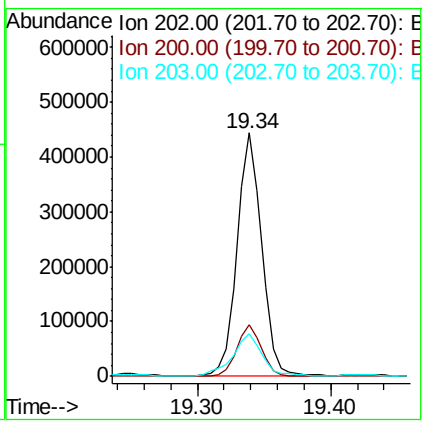


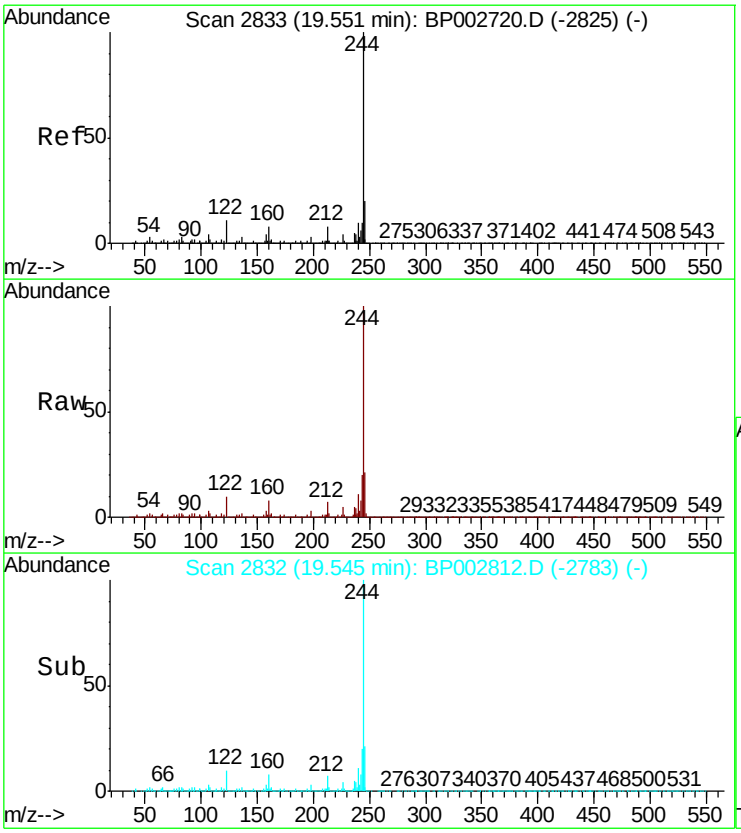
#78
Pyrene
Concen: 14.973 ng
RT: 19.34 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
HS-01

Tgt Ion:202 Resp: 565463

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.7	26.5
203	17.6	14.5	21.7

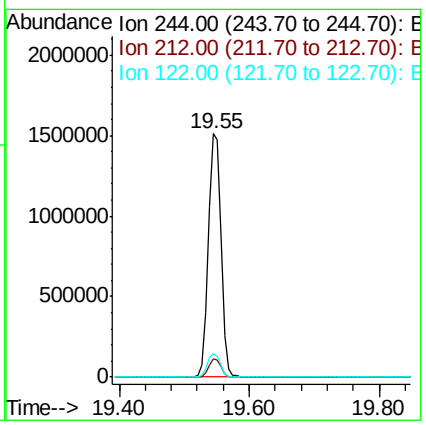


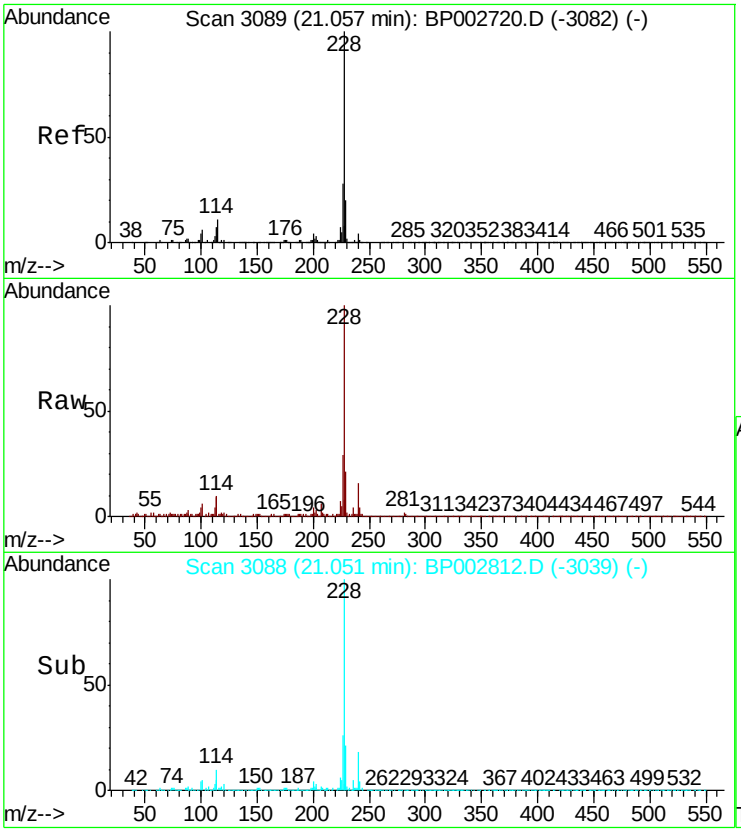


#79
Terphenyl-d14
Concen: 85.352 ng
RT: 19.55 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Tgt Ion:244 Resp: 2036212

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	9.8	8.9	13.3



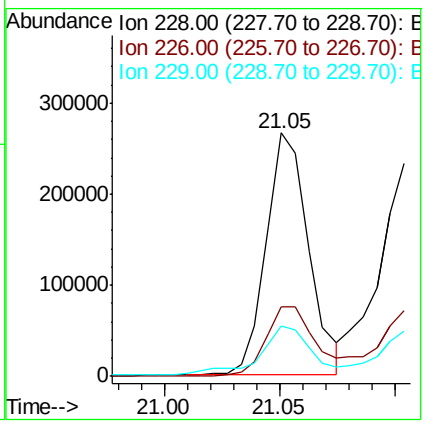


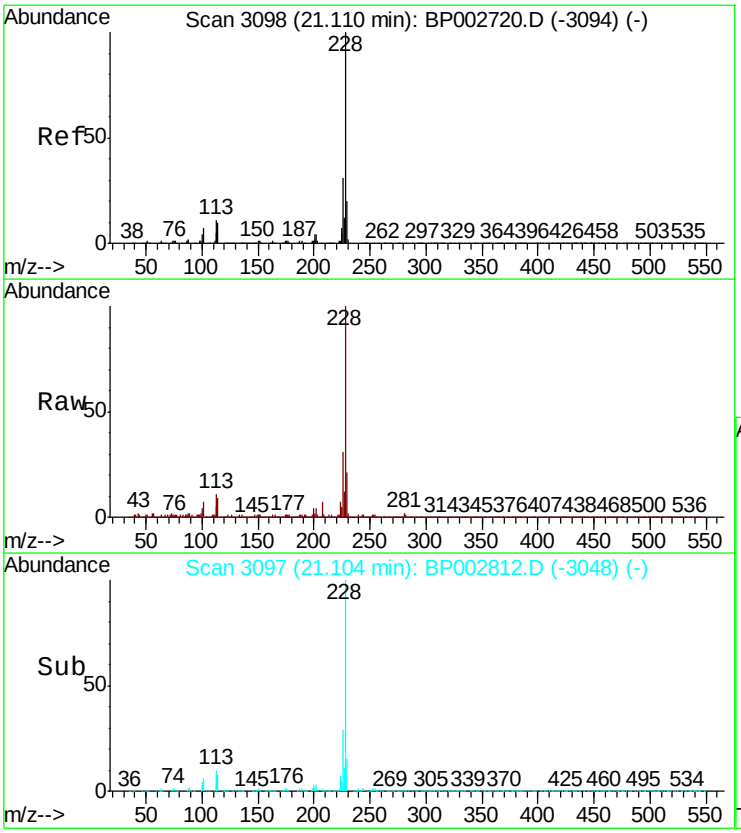
#81
Benzo(a)anthracene
Concen: 9.606 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
HS-01

Tgt Ion:228 Resp: 340112

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	34.0
229	20.7	16.0	24.0

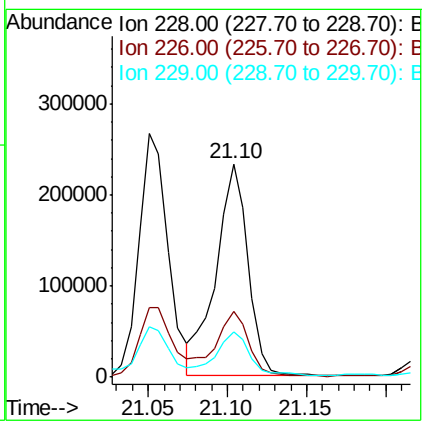


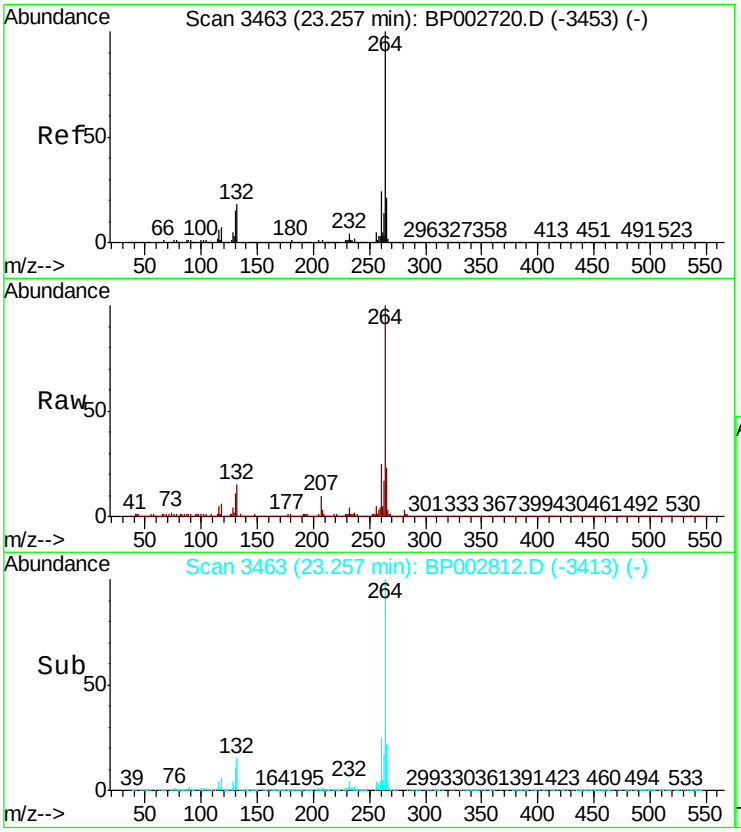


#83
Chrysene
Concen: 9.719 ng
RT: 21.10 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Tgt Ion:228 Resp: 327567

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	37.0
229	21.4	15.7	23.5



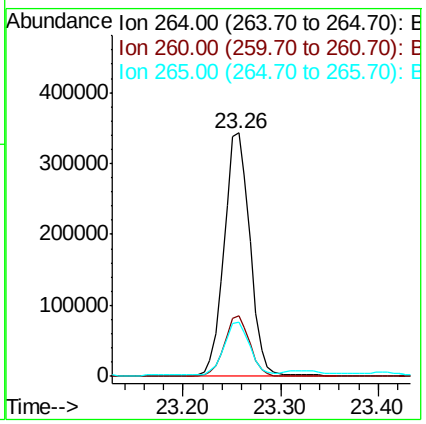


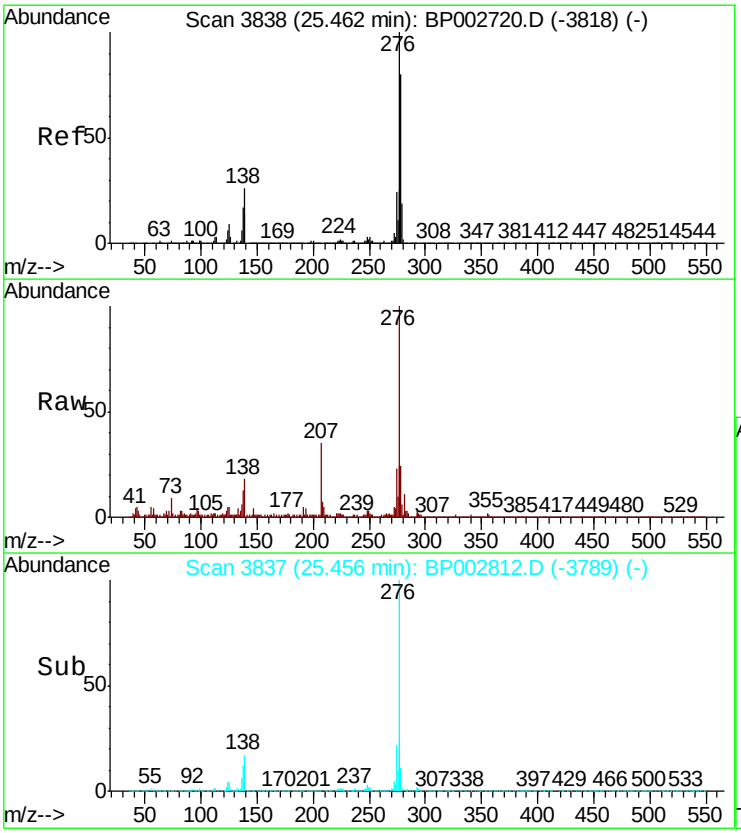
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
HS-01

Tgt Ion:264 Resp: 626665

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.3	28.9
265	22.5	16.8	25.2

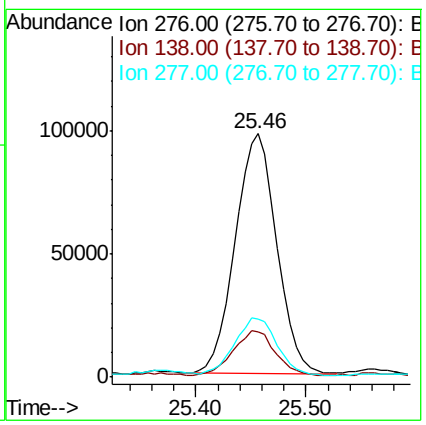


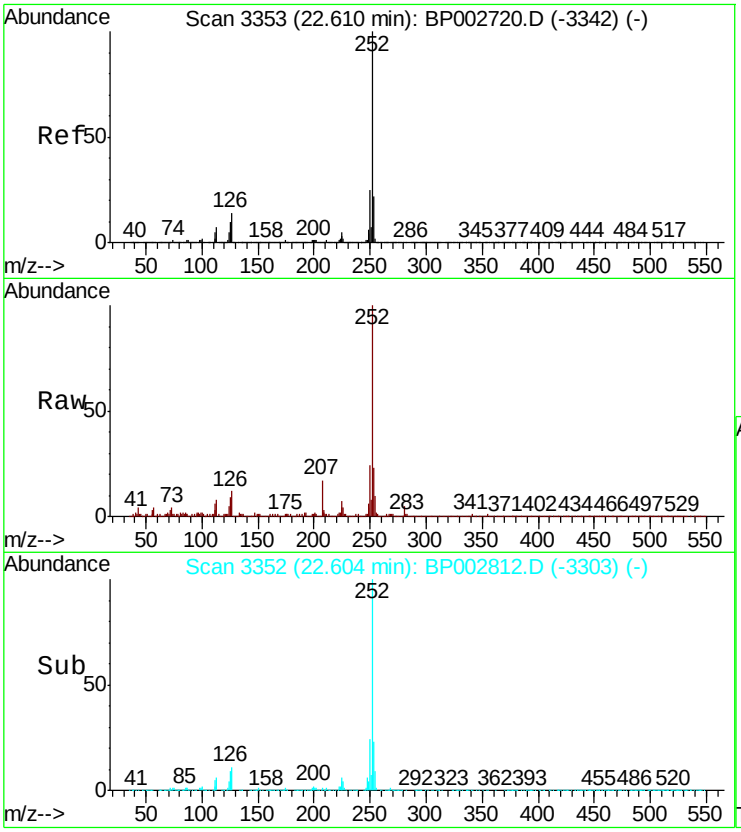


#87
Indeno(1,2,3-cd)pyrene
Concen: 5.670 ng
RT: 25.46 min Scan# 3837
Delta R.T. -0.02 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Tgt Ion:276 Resp: 256832

Ion	Ratio	Lower	Upper
276	100		
138	18.9	20.8	31.2#
277	24.7	20.0	30.0



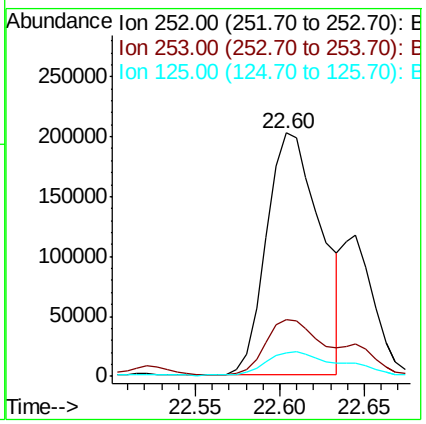


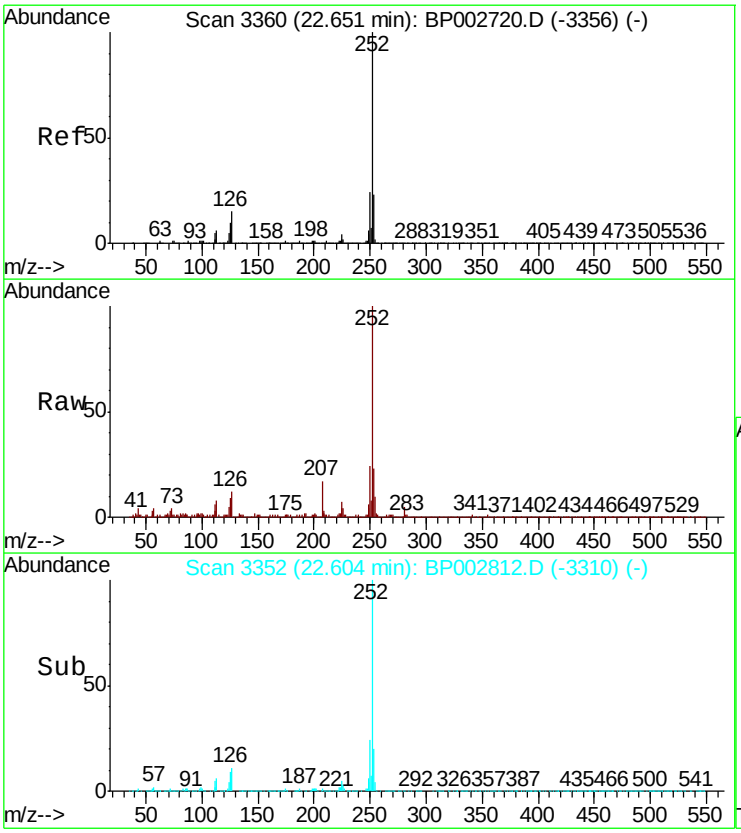
#88
Benzo(b)fluoranthene
Concen: 11.606 ng
RT: 22.60 min Scan# 3352
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
HS-01

Tgt Ion:252 Resp: 451613

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	9.4	8.2	12.2

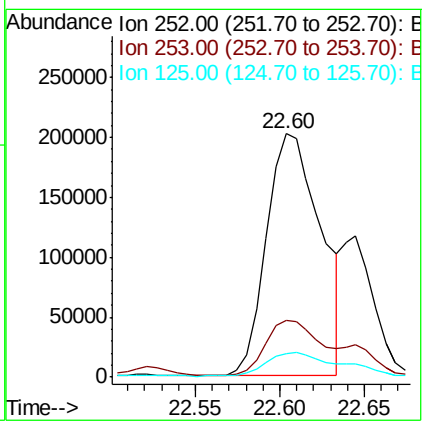


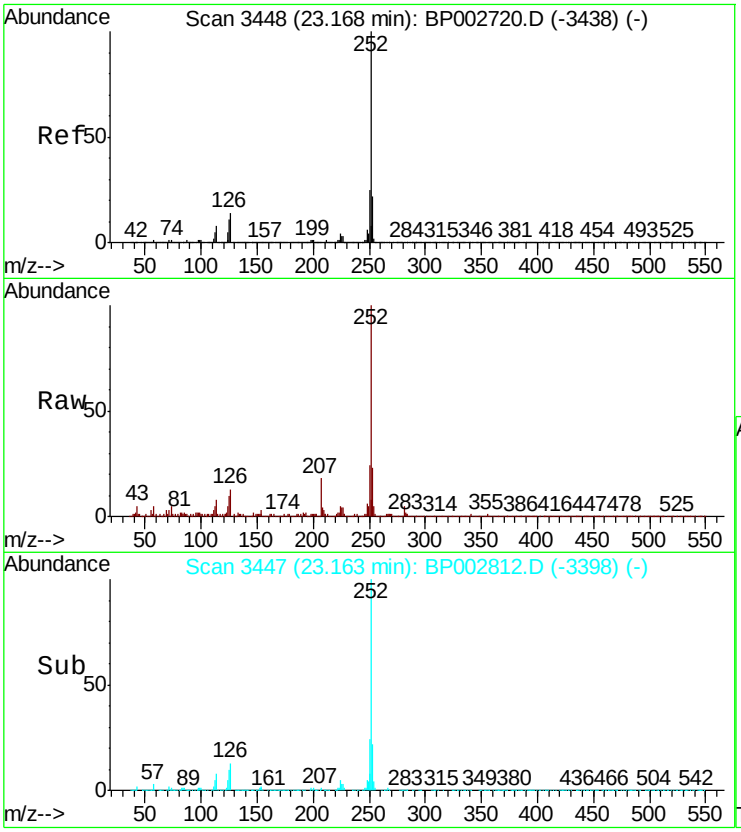


#89
Benzo(k)fluoranthene
Concen: 11.783 ng
RT: 22.60 min Scan# 3352
Delta R.T. -0.05 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Tgt Ion:252 Resp: 451613

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	9.4	8.3	12.5



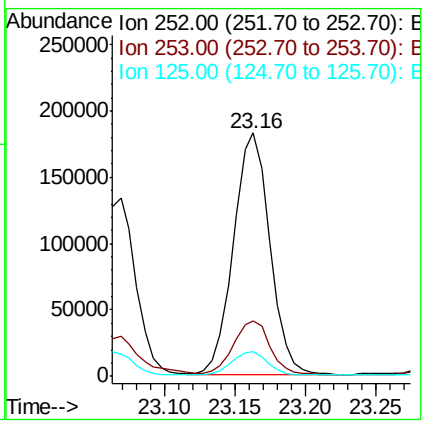


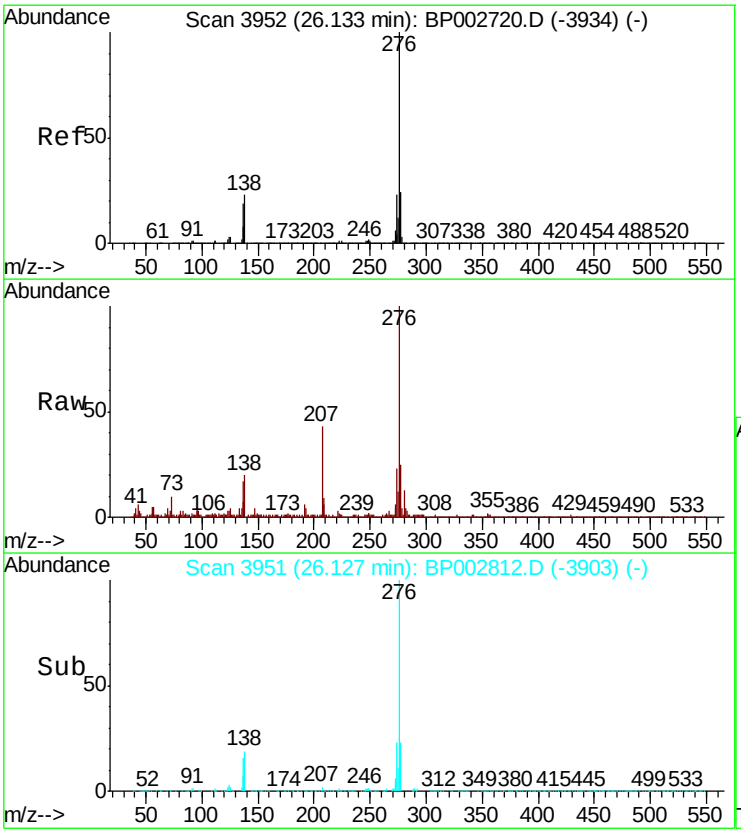
#90
Benzo(a)pyrene
Concen: 8.916 ng
RT: 23.16 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Instrument :
BNA_P
ClientSampleId :
HS-01

Tgt Ion:252 Resp: 328786

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	10.3	8.6	13.0





#92
Benzo(g,h,i)perylene
Concen: 6.888 ng
RT: 26.13 min Scan# 3951
Delta R.T. -0.02 min
Lab File: BP002812.D
Acq: 21 Jul 2020 14:03

Tgt Ion:276 Resp: 255107

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.1	28.7
138	20.2	18.3	27.5