Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
Data File : BP002811.D
Acq On : 21 Jul 2020 13:29
Operator : CG/JU
Sample : L3351-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SAMPLE-1A

Quant Time: Jul 21 15:08:42 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	131060	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	497941	20.00	ng		-0.01
39) Acenaphthene-d10	14.20	164	290137	20.00	ng		-0.01
64) Phenanthrene-d10	16.96	188	577069	20.00	ng		-0.01
76) Chrysene-d12	21.07	240	525533	20.00	ng		0.00
86) Perylene-d12	23.26	264	586753	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	562575	72.42	ng		0.00
7) Phenol-d6	6.75	99	707752	63.84	ng		0.00
23) Nitrobenzene-d5	8.69	82	440610	47.33	ng		-0.02
42) 2,4,6-Tribromophenol	15.70	330	251460	83.03	ng		0.00
45) 2-Fluorobiphenyl	12.81	172	924985	49.32	ng		-0.01
79) Terphenyl-d14	19.55	244	1118169	48.78	ng		-0.01
Target Compounds							Qvalue
32) Benzoic acid	9.69	122	130	7.082	ng	#	19
41) Hexachlorocyclopentadiene	12.35	237	24	7.440	ng		77
50) Dimethylphthalate	13.66	163	134194	6.065	ng		99
54) 2,4-Dinitrophenol	14.35	184	14	11.379	ng	#	1
56) 4-Nitrophenol	14.45	139	27	4.978	ng	#	48
65) 4,6-Dinitro-2-methylphenol	15.35	198	20	5.272	ng	#	1
70) Pentachlorophenol	16.65	266	19	7.447	ng	#	55
75) Fluoranthene	18.99	202	182276	5.035	ng		95
78) Pyrene	19.34	202	179712	4.953	ng		98
81) Benzo(a)anthracene	21.05	228	111771	3.286	ng		99
83) Chrysene	21.10	228	105183	3.248	ng		97
87) Indeno(1,2,3-cd)pyrene	25.46	276	93577	2.207	ng	#	92
88) Benzo(b)fluoranthene	22.60	252	154078	4.229	ng		98
89) Benzo(k)fluoranthene	22.60	252	154078	4.293	ng		99
90) Benzo(a)pyrene	23.16	252	116093	3.362	ng		98
92) Benzo(g,h,i)perylene	26.13	276	92887	2.679	ng		96

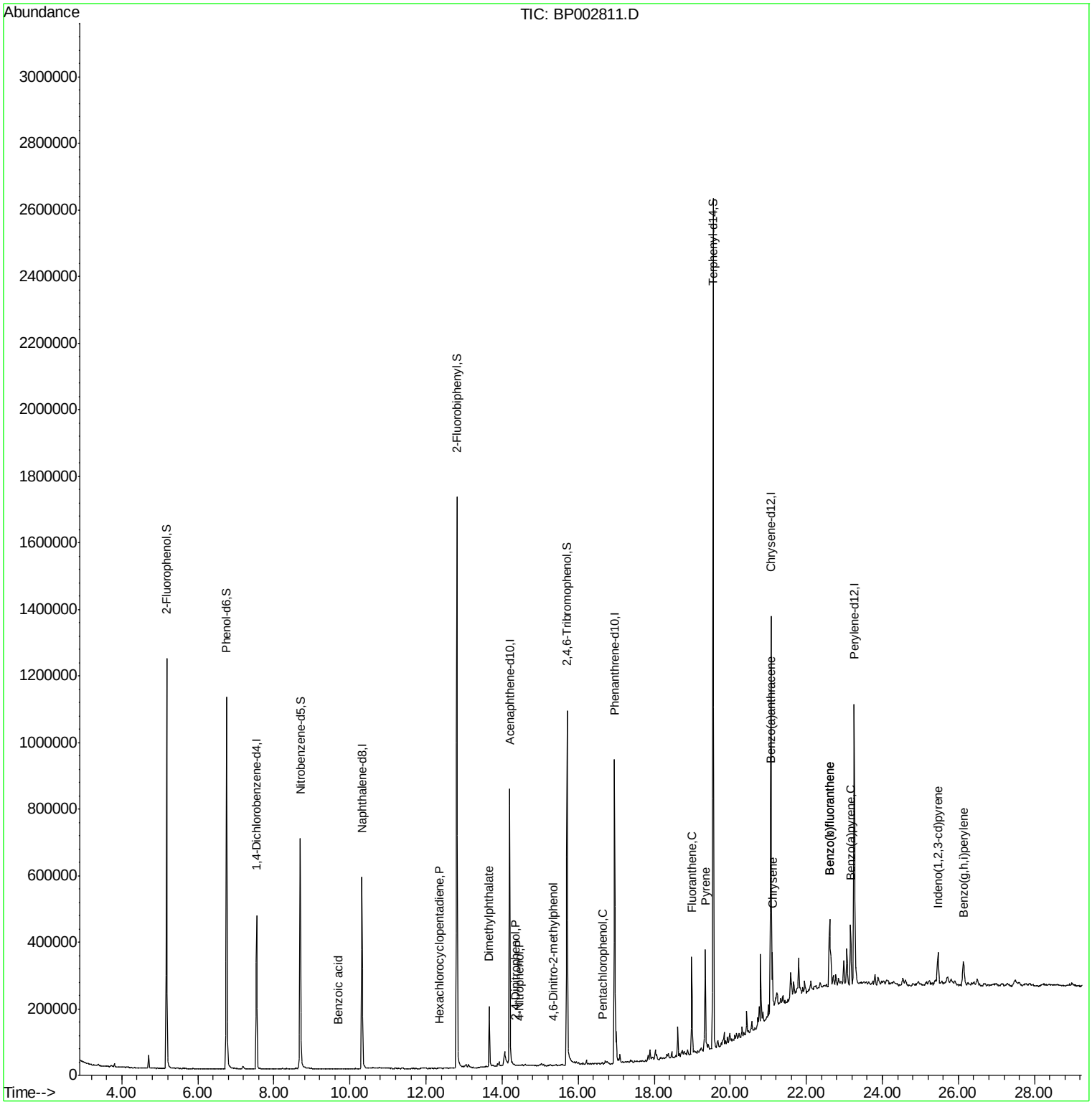
(#) = qualifier out of range (m) = manual integration (+) = signals summed

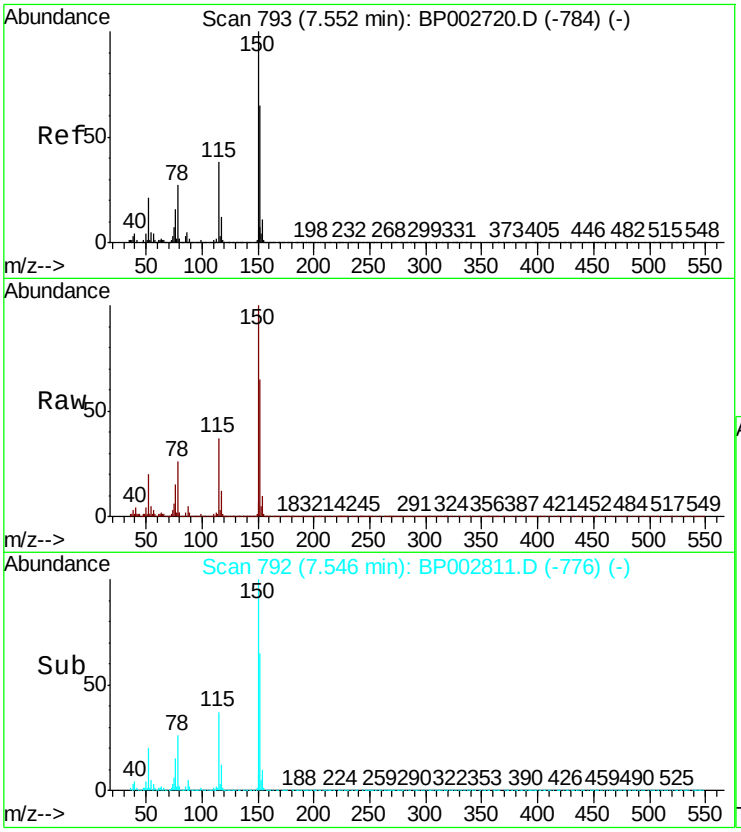
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
Data File : BP002811.D
Acq On : 21 Jul 2020 13:29
Operator : CG/JU
Sample : L3351-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SAMPLE-1A

Quant Time: Jul 21 15:08:42 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



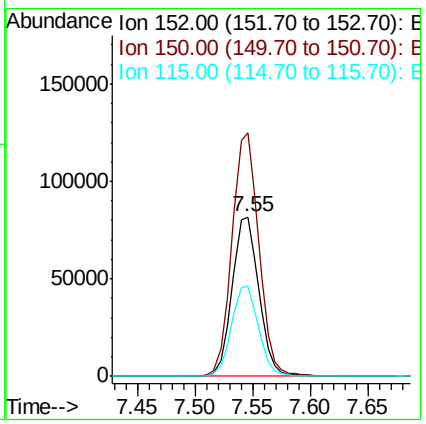


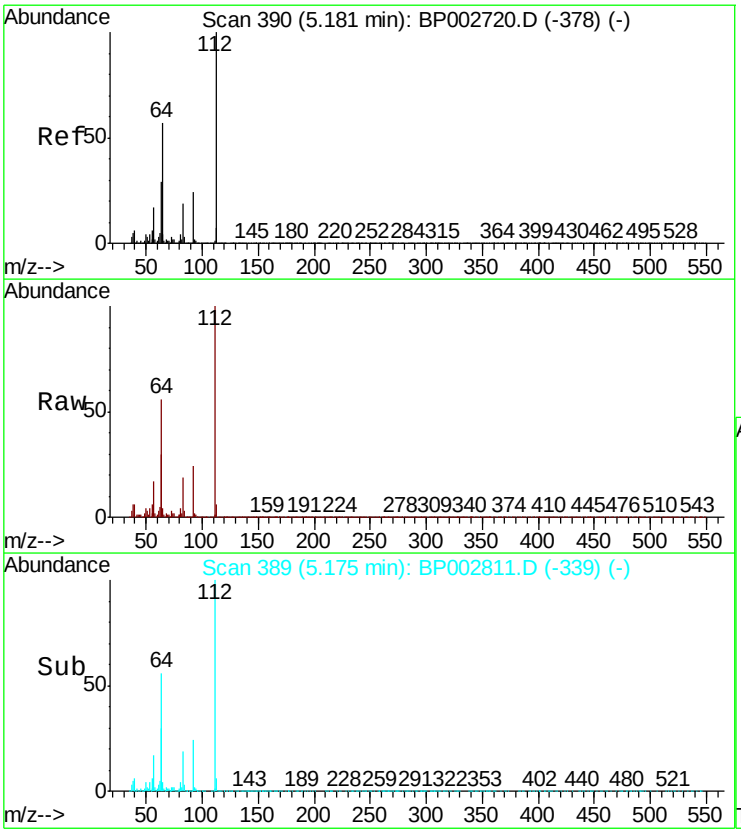
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Instrument :
BNA_P
ClientSampleId :
SAMPLE-1A

Tgt Ion:152 Resp: 131060

Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.7	185.5
115	56.7	47.2	70.8

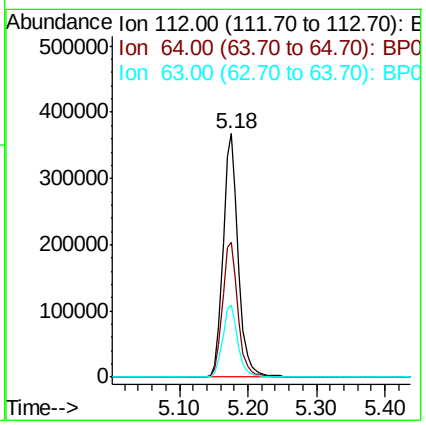


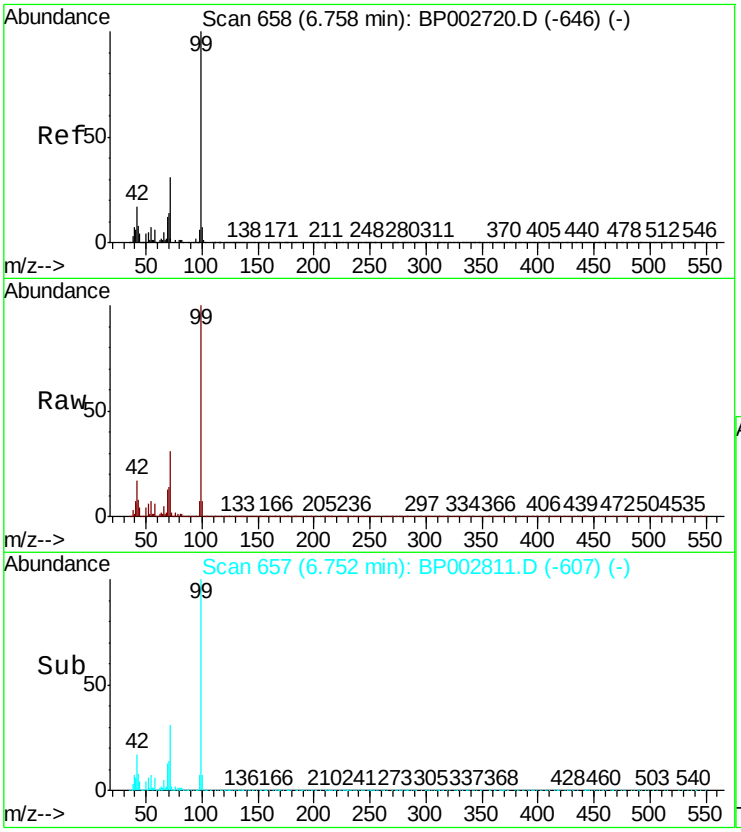


#5
2-Fluorophenol
Concen: 72.422 ng
RT: 5.18 min Scan# 389
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Tgt Ion:112 Resp: 562575

Ion	Ratio	Lower	Upper
112	100		
64	55.6	45.6	68.4
63	29.5	23.5	35.3



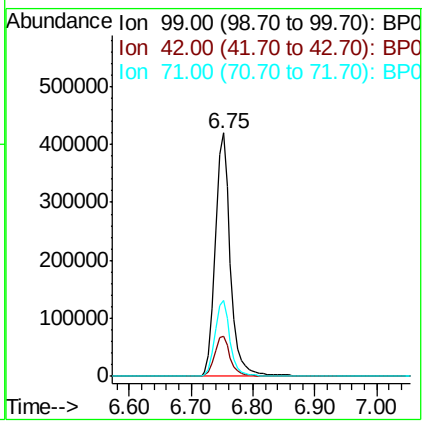


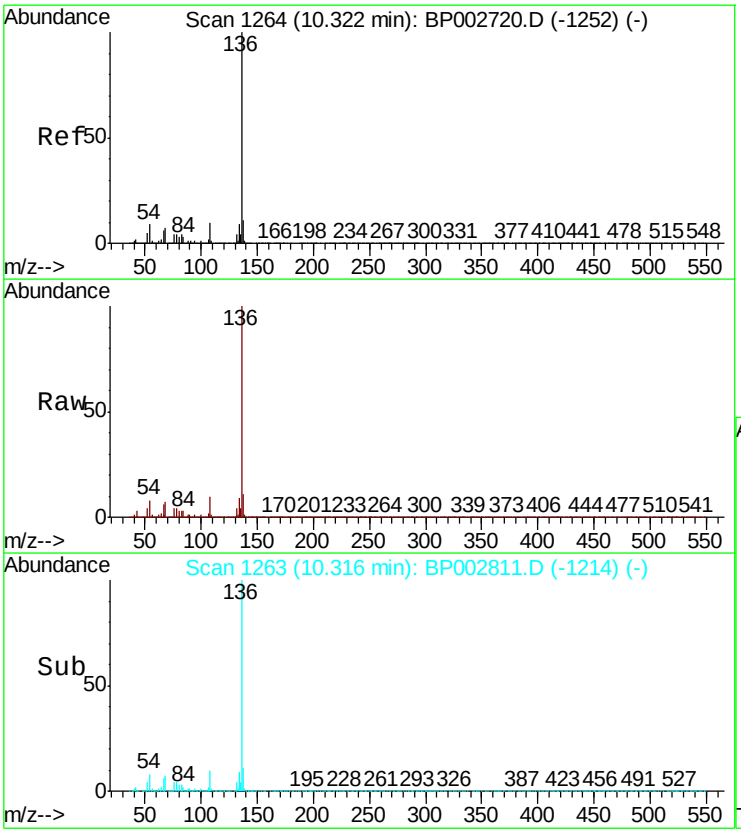
#7
Phenol-d6
Concen: 63.841 ng
RT: 6.75 min Scan# 657
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Instrument :
BNA_P
ClientSampleId :
SAMPLE-1A

Tgt Ion: 99 Resp: 707752

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.4	20.2
71	31.2	24.6	36.8

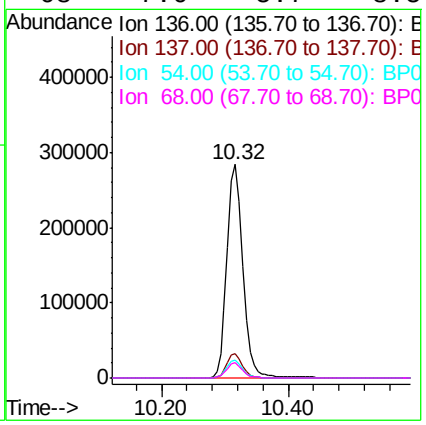


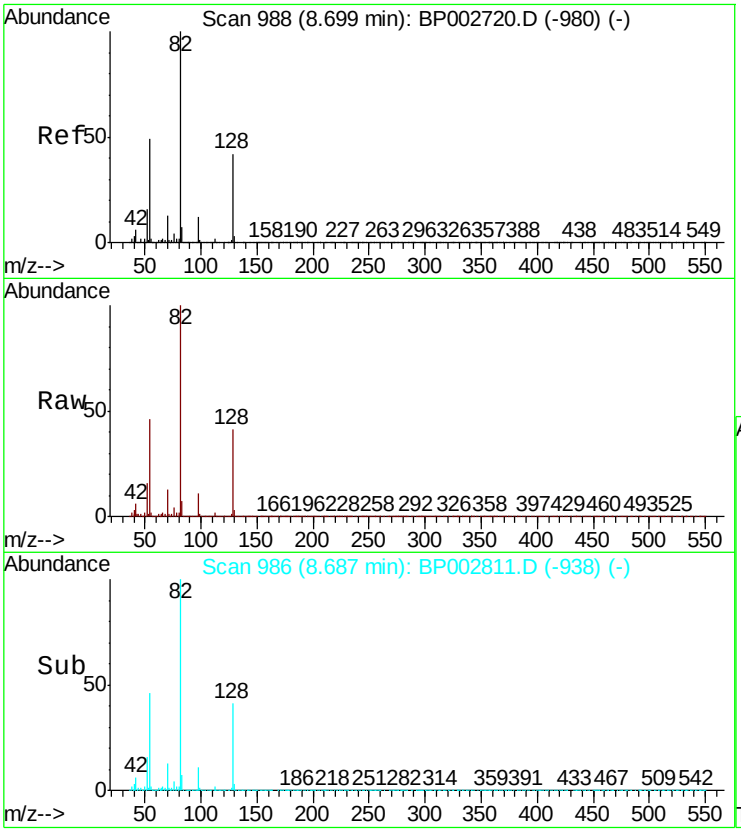


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Tgt Ion:136 Resp: 497941

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.1	6.9	10.3
68	7.0	5.7	8.5



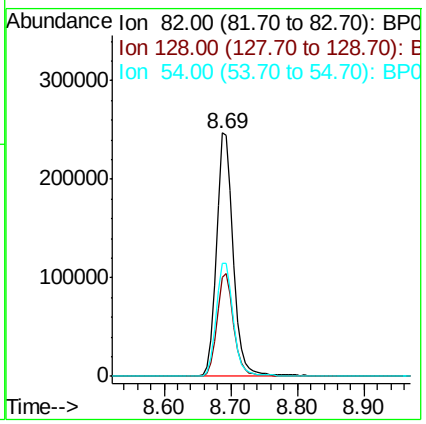


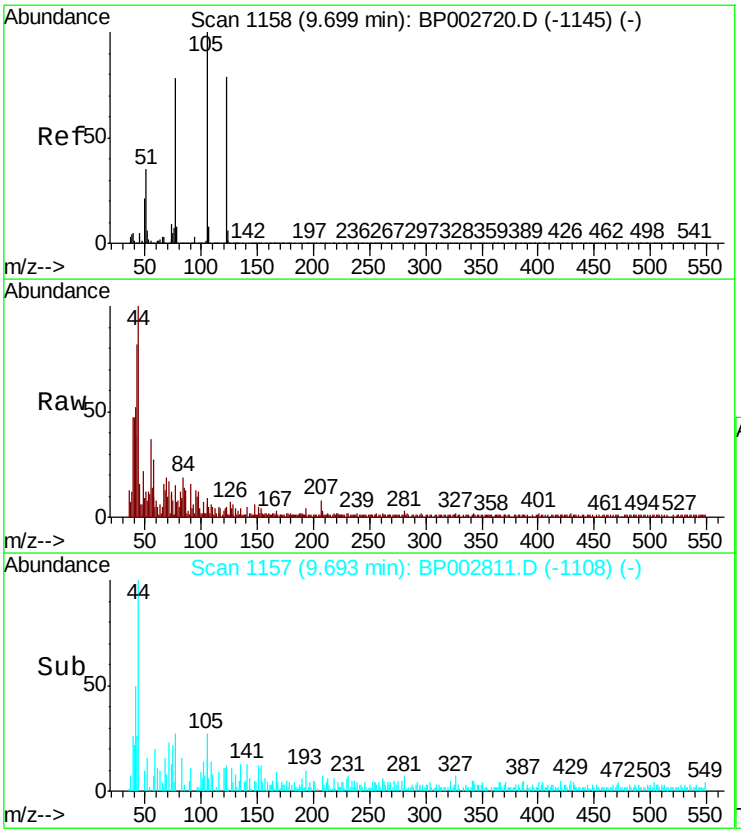
#23
Nitrobenzene-d5
Concen: 47.326 ng
RT: 8.69 min Scan# 986
Delta R.T. -0.02 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Instrument :
BNA_P
ClientSampleId :
SAMPLE-1A

Tgt Ion: 82 Resp: 440610

Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.8	50.8
54	46.2	38.8	58.2

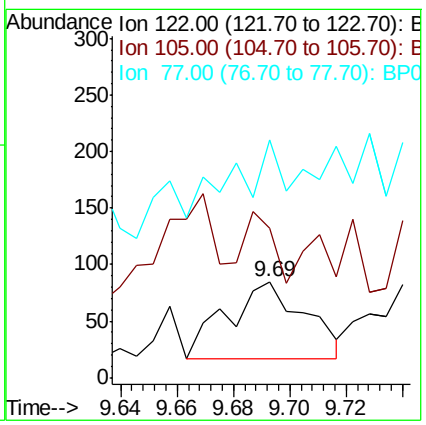


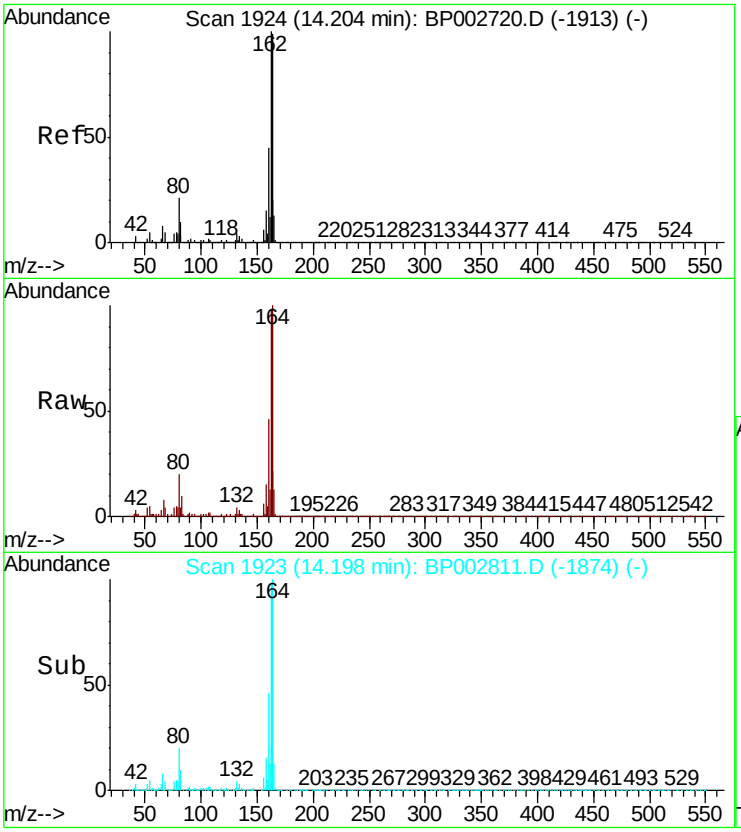


#32
Benzoic acid
Concen: 7.082 ng
RT: 9.69 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Tgt Ion:122 Resp: 130

Ion	Ratio	Lower	Upper
122	100		
105	155.3	105.4	145.4#
77	247.1	78.5	118.5#



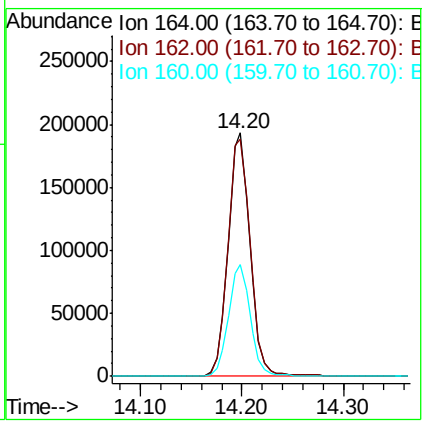


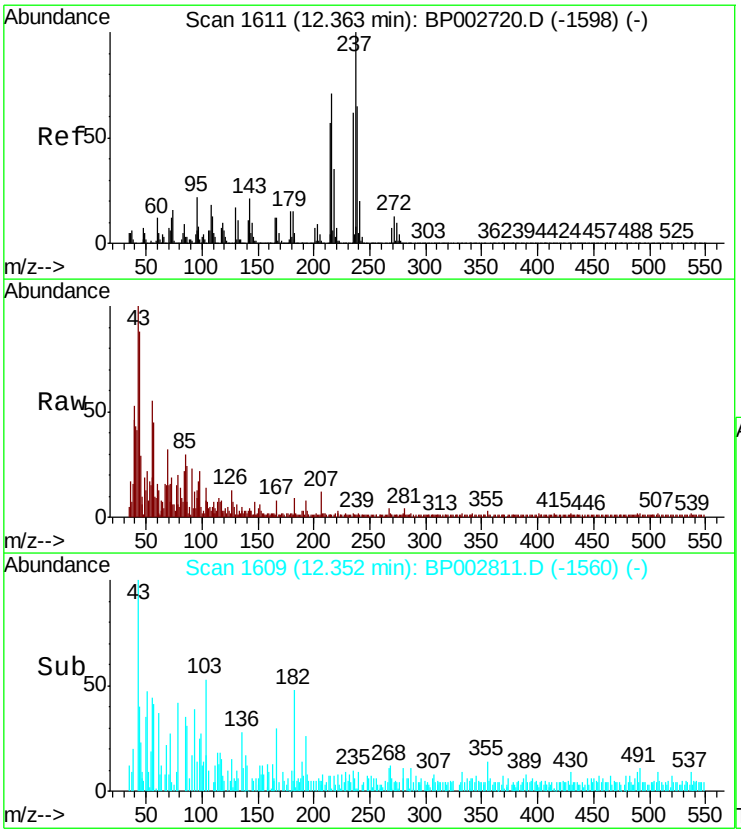
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Instrument :
BNA_P
ClientSampleId :
SAMPLE-1A

Tgt Ion:164 Resp: 290137

Ion	Ratio	Lower	Upper
164	100		
162	97.7	80.6	121.0
160	45.7	36.4	54.6

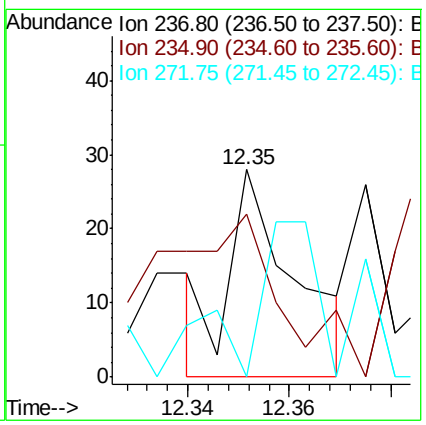


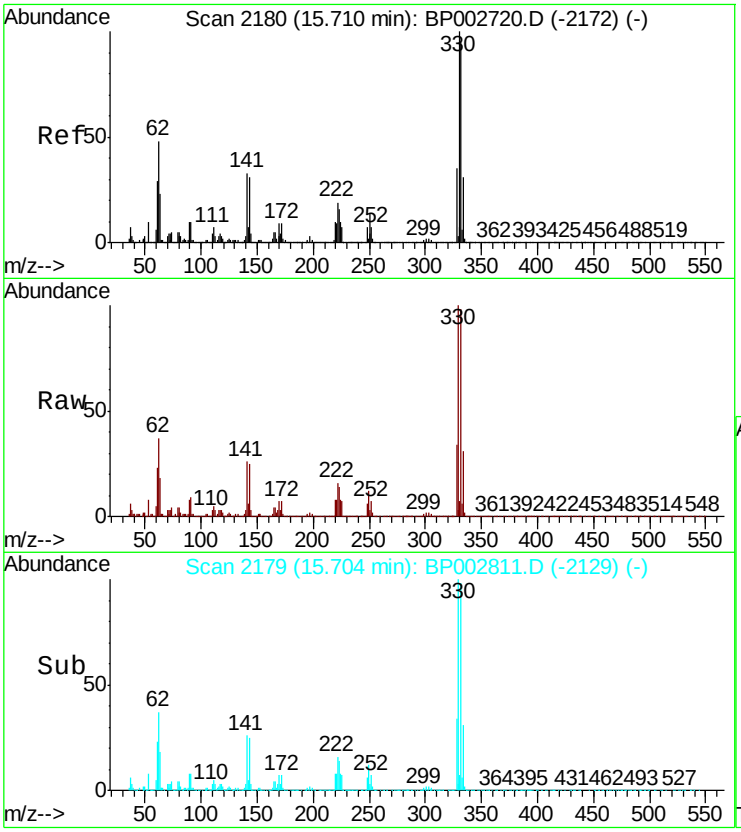


#41
Hexachlorocyclopentadiene
Concen: 7.440 ng
RT: 12.35 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Tgt Ion:237 Resp: 24

Ion	Ratio	Lower	Upper
237	100		
235	78.6	42.3	82.3
272	0.0	0.0	32.5



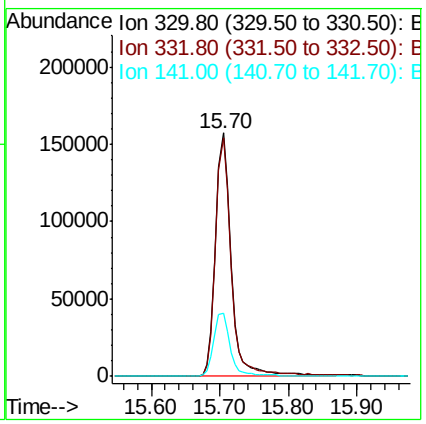


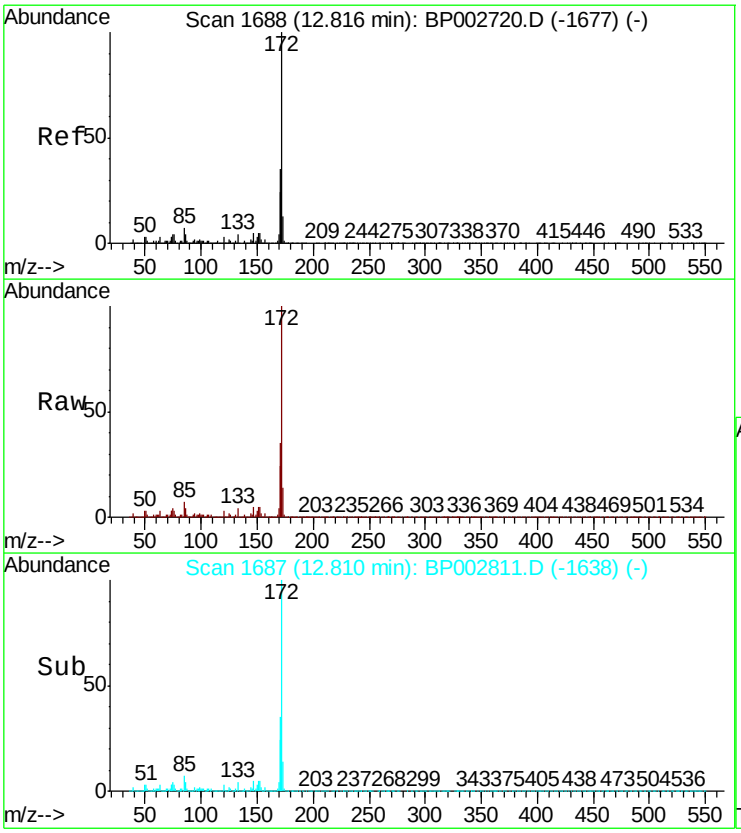
#42
2,4,6-Tribromophenol
Concen: 83.029 ng
RT: 15.70 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Instrument :
BNA_P
ClientSampleId :
SAMPLE-1A

Tgt Ion:330 Resp: 251460

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.5	114.7
141	27.6	28.8	43.2#

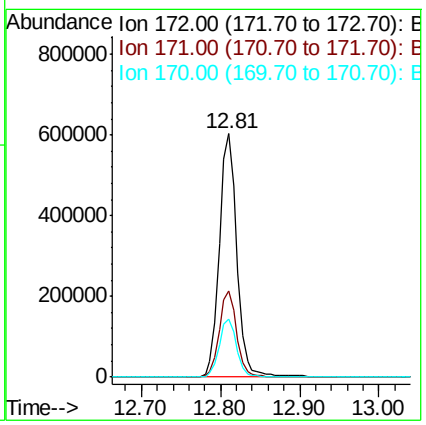


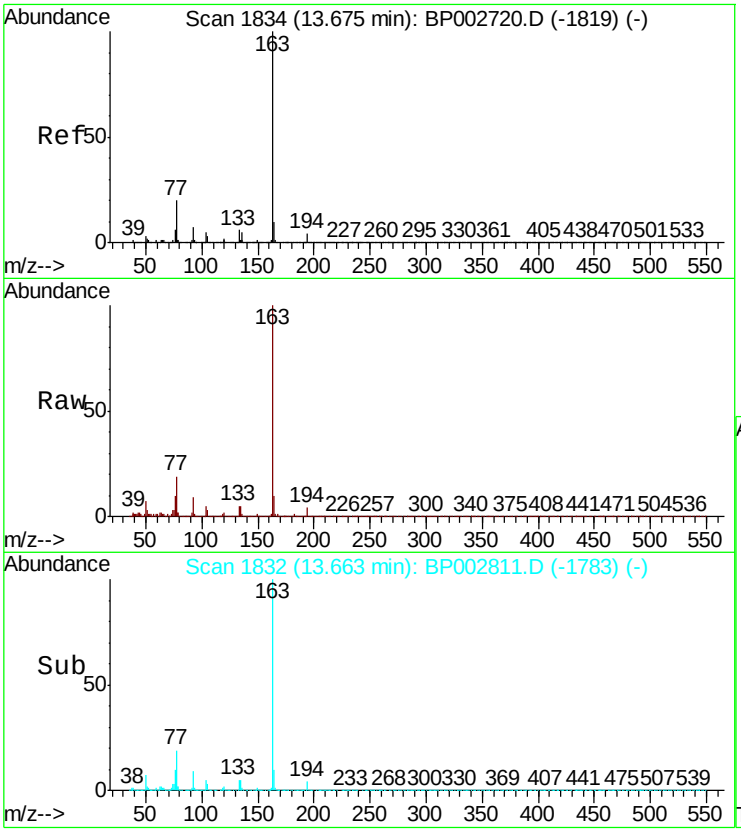


#45
2-Fluorobiphenyl
Concen: 49.319 ng
RT: 12.81 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Tgt Ion:172 Resp: 924985

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.1	42.1
170	23.9	19.3	28.9



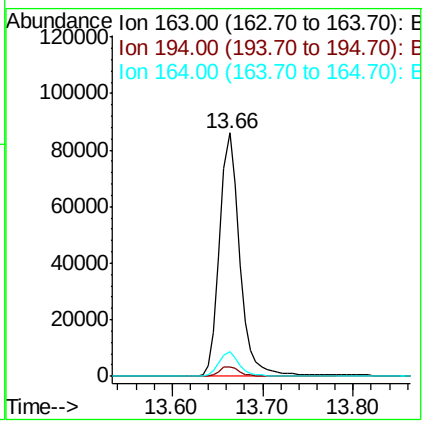


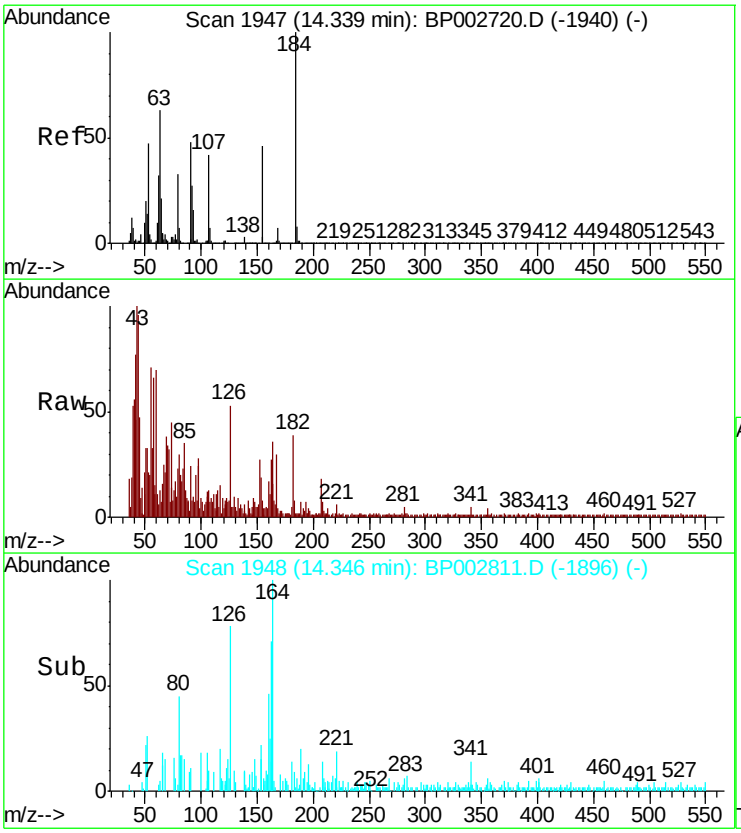
#50
Dimethylphthalate
Concen: 6.065 ng
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Instrument :
BNA_P
ClientSampleId :
SAMPLE-1A

Tgt Ion:163 Resp: 134194

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.3	7.8	11.8

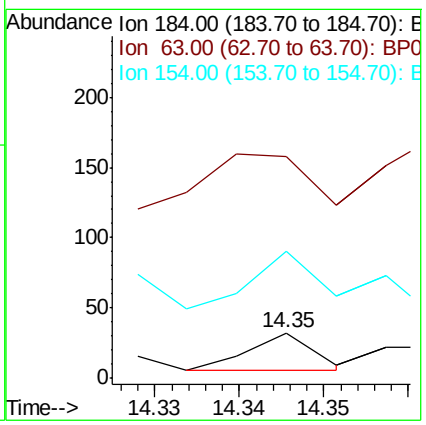


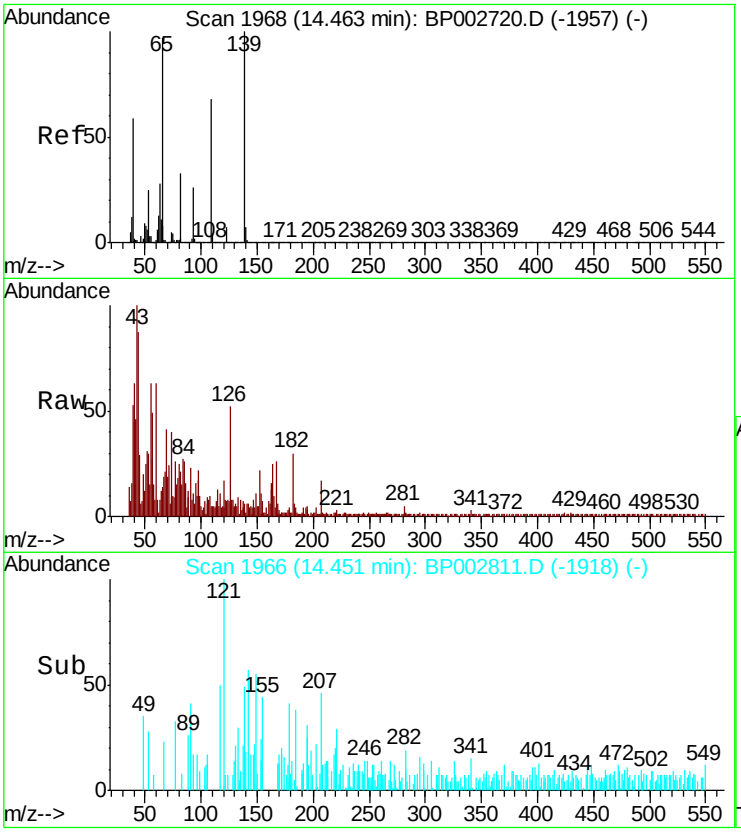


#54
2,4-Dinitrophenol
Concen: 11.379 ng
RT: 14.35 min Scan# 1948
Delta R.T. 0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Tgt Ion:184 Resp: 14

Ion	Ratio	Lower	Upper
184	100		
63	385.4	51.6	77.4#
154	219.5	45.0	67.6#



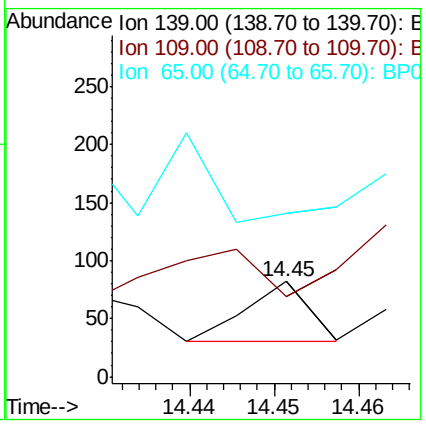


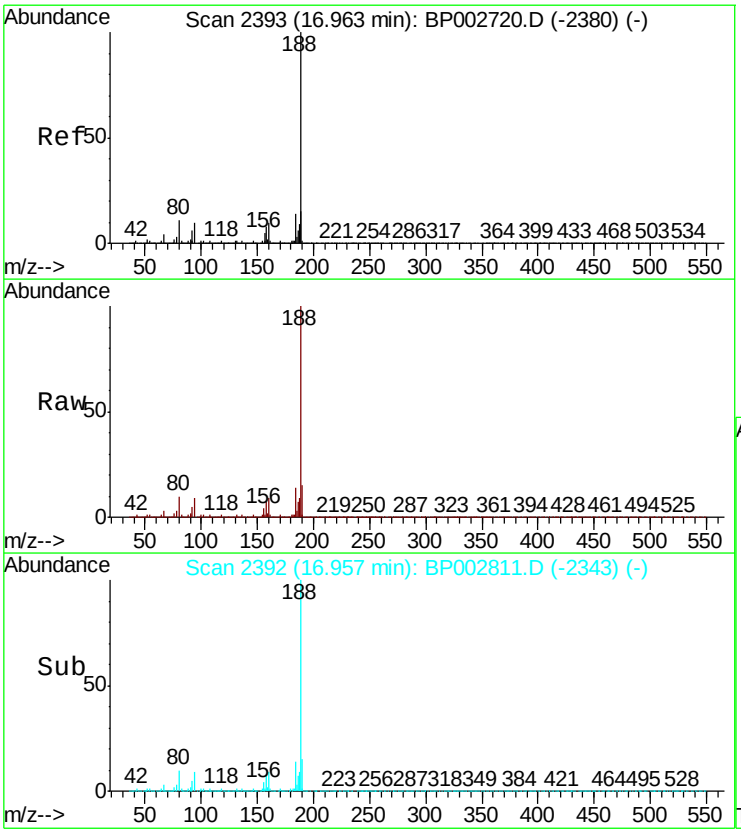
#56
4-Nitrophenol
Concen: 4.978 ng
RT: 14.45 min Scan# 1966
Delta R.T. -0.02 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Instrument :
BNA_P
ClientSampleId :
SAMPLE-1A

Tgt Ion:139 Resp: 27

Ion	Ratio	Lower	Upper
139	100		
109	84.1	48.1	88.1
65	172.0	77.9	117.9#

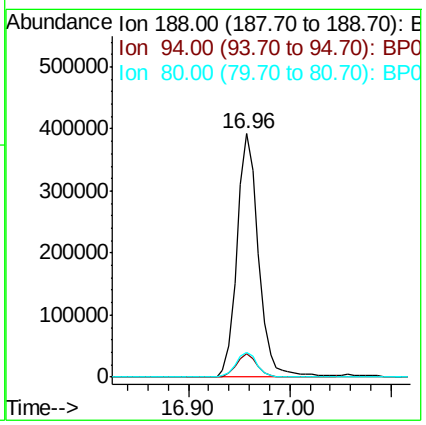


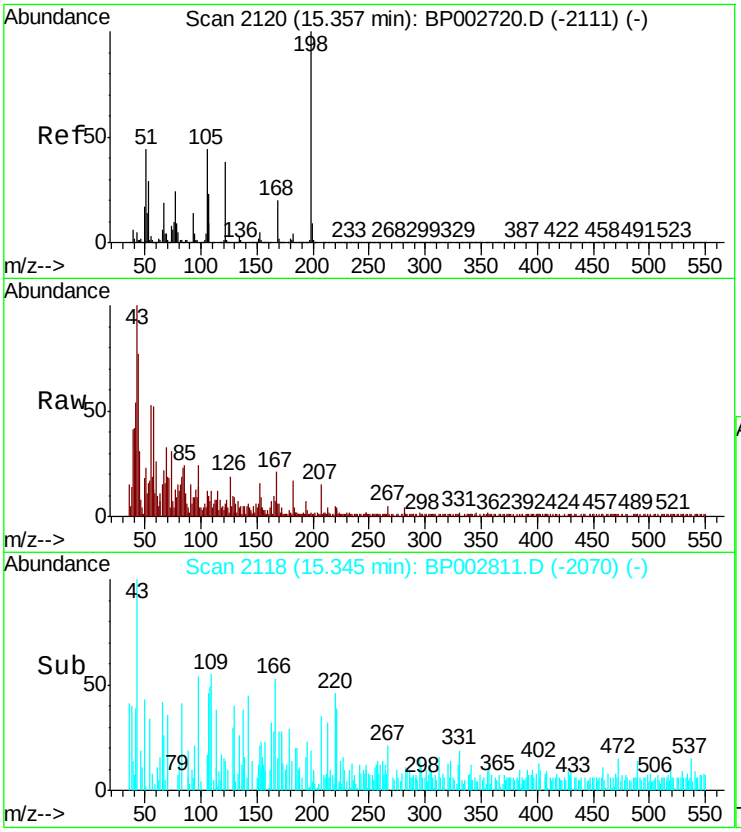


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Tgt Ion:188 Resp: 577069

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.1	12.1
80	10.2	8.9	13.3



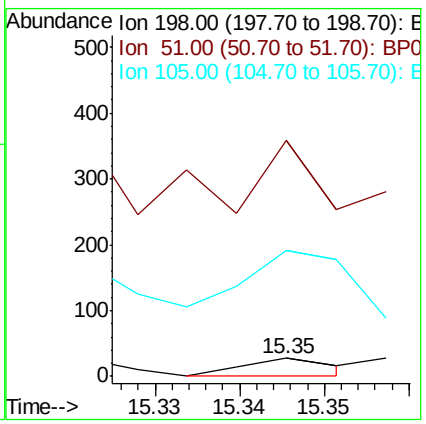


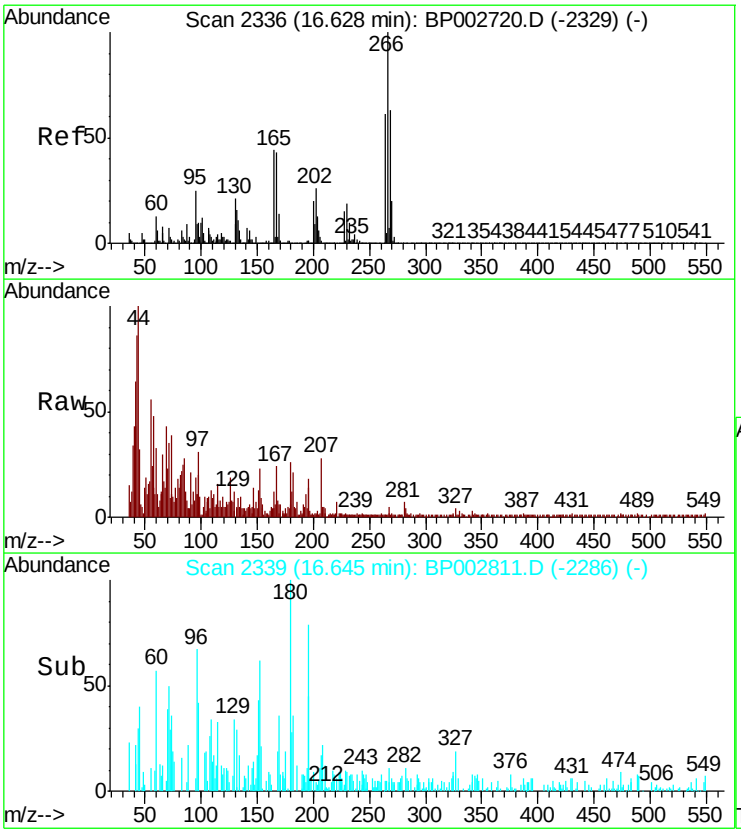
#65
4,6-Dinitro-2-methylphenol
Concen: 5.272 ng
RT: 15.35 min Scan# 2118
Delta R.T. -0.02 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Instrument :
BNA_P
ClientSampleId :
SAMPLE-1A

Tgt Ion:198 Resp: 20

Ion	Ratio	Lower	Upper
198	100		
51	1329.6	27.1	67.1#
105	707.4	24.9	64.9#

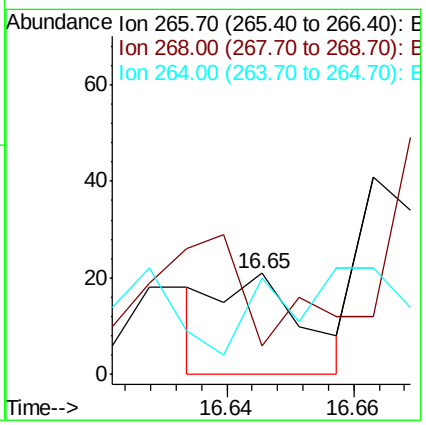


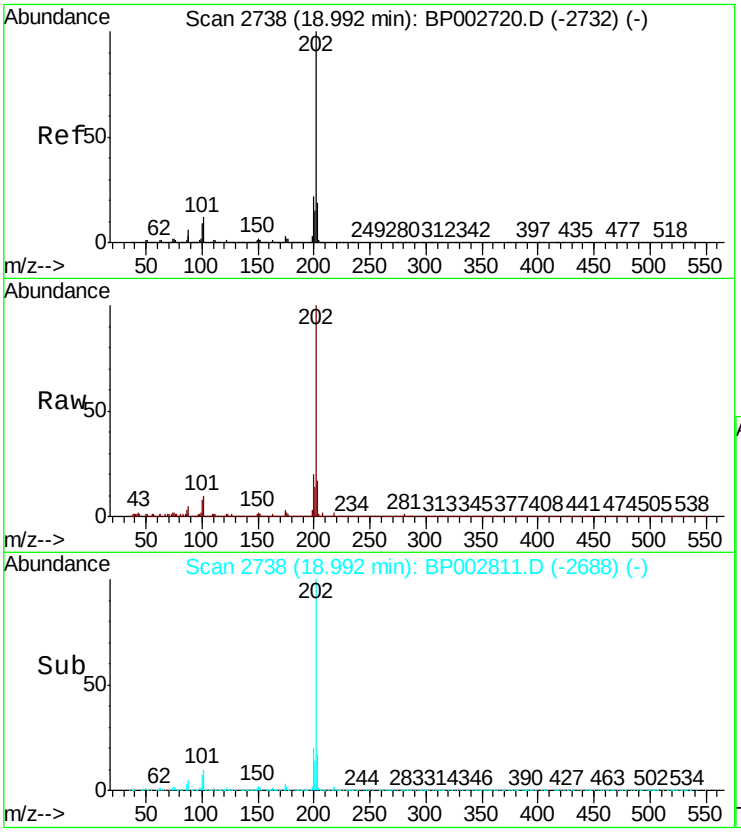


#70
Pentachlorophenol
Concen: 7.447 ng
RT: 16.65 min Scan# 2339
Delta R.T. 0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Tgt Ion:266 Resp: 19

Ion	Ratio	Lower	Upper
266	100		
268	28.6	50.6	75.8#
264	95.2	48.6	72.8#



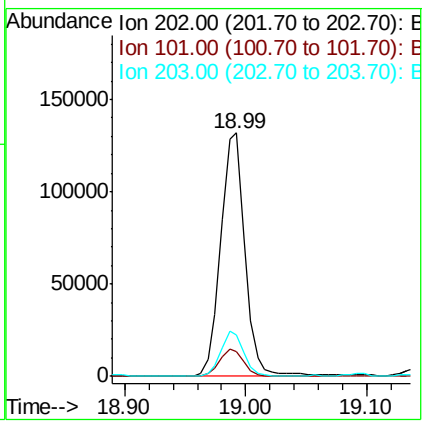


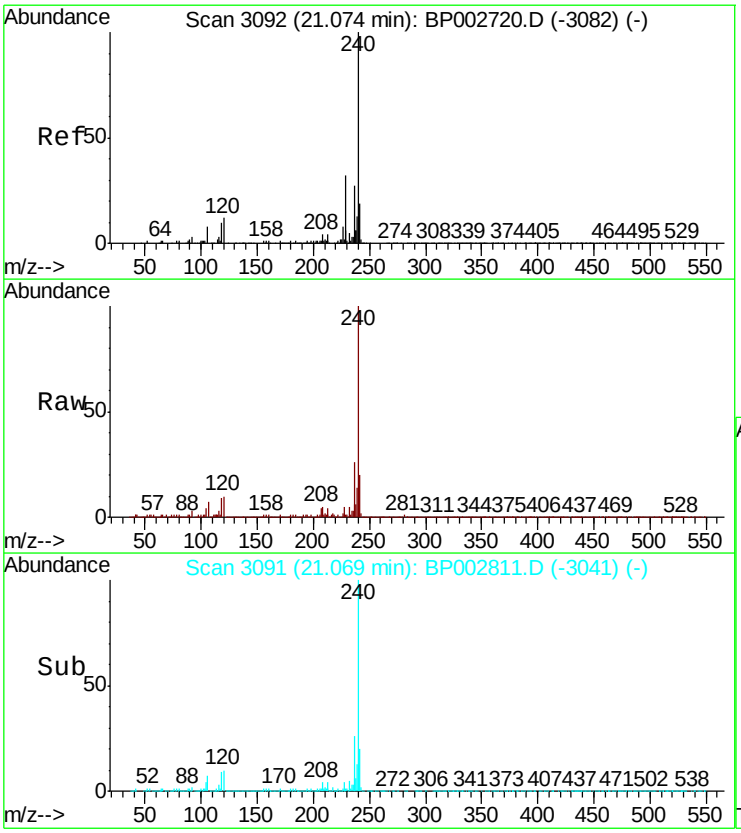
#75
Fluoranthene
Concen: 5.035 ng
RT: 18.99 min Scan# 2738
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Instrument :
BNA_P
ClientSampleId :
SAMPLE-1A

Tgt Ion:202 Resp: 182276

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	32.5
203	16.8	0.0	38.6

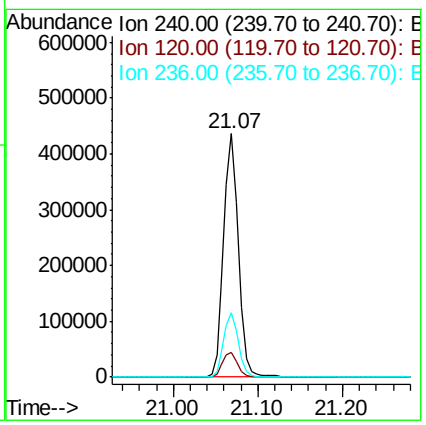


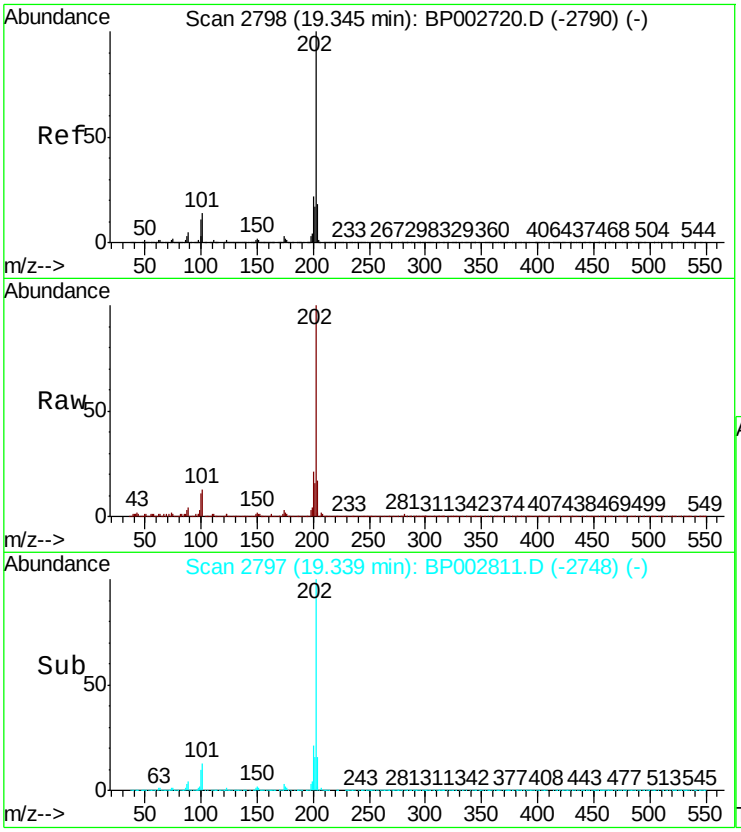


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Tgt Ion:240 Resp: 525533

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.4	14.2
236	26.4	21.3	31.9



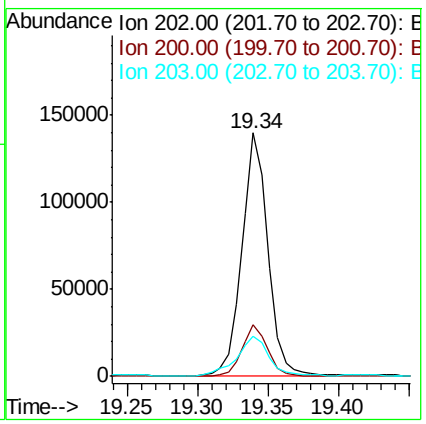


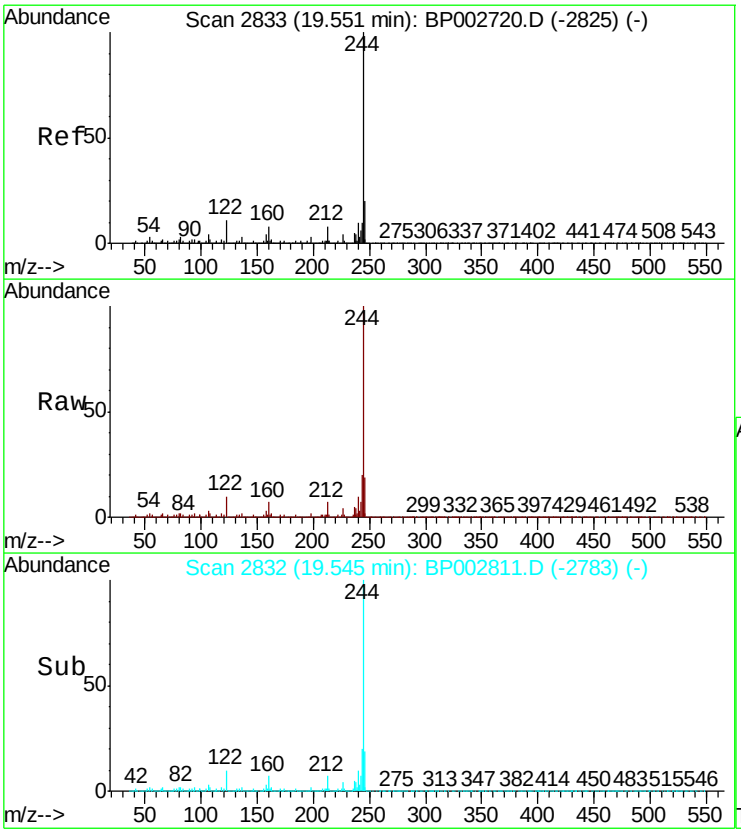
#78
Pyrene
Concen: 4.953 ng
RT: 19.34 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Instrument :
BNA_P
ClientSampleId :
SAMPLE-1A

Tgt Ion:202 Resp: 179712

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.7	26.5
203	16.7	14.5	21.7

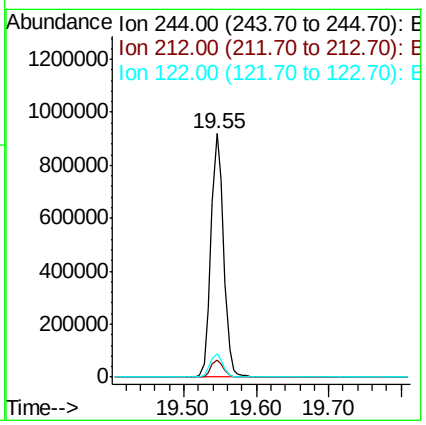


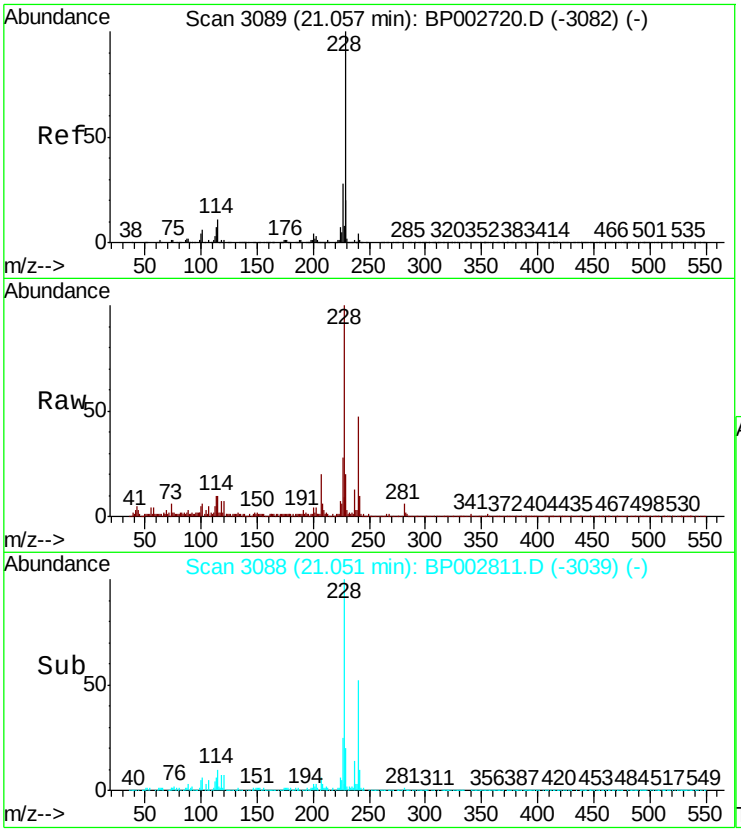


#79
Terphenyl-d14
Concen: 48.782 ng
RT: 19.55 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Tgt Ion:244 Resp: 1118169

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	9.7	8.9	13.3



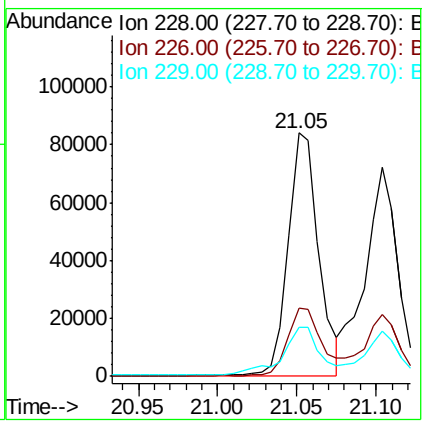


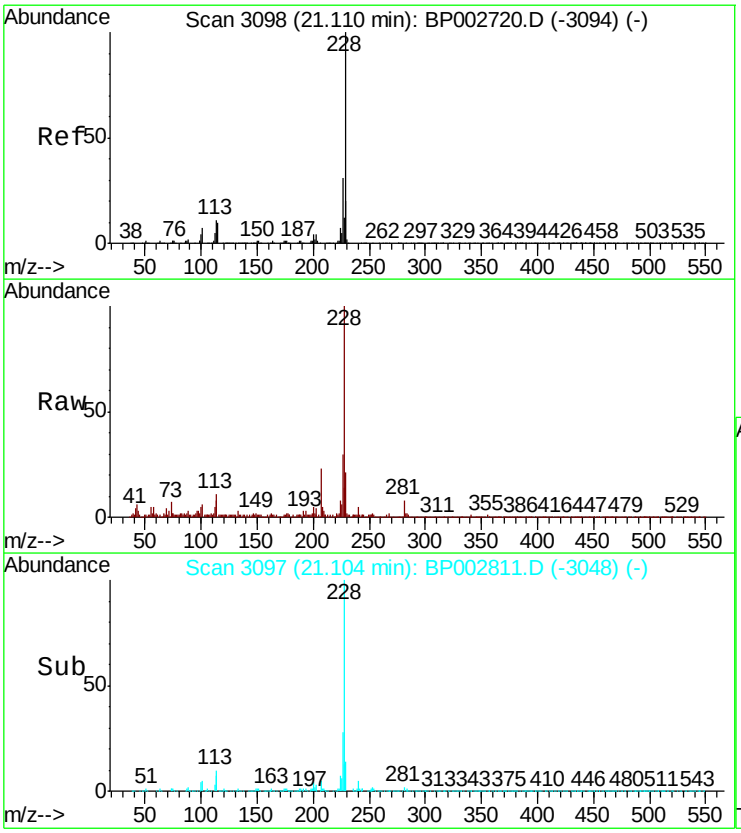
#81
Benzo(a)anthracene
Concen: 3.286 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Instrument :
BNA_P
ClientSampleId :
SAMPLE-1A

Tgt Ion:228 Resp: 111771

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	34.0
229	20.4	16.0	24.0

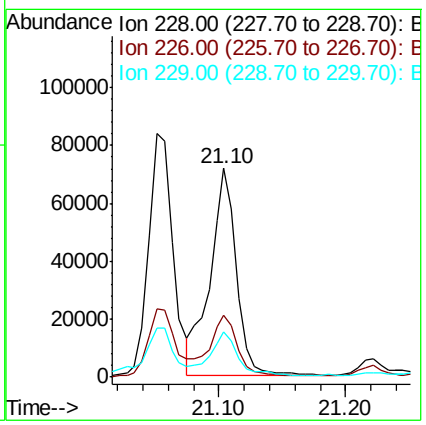


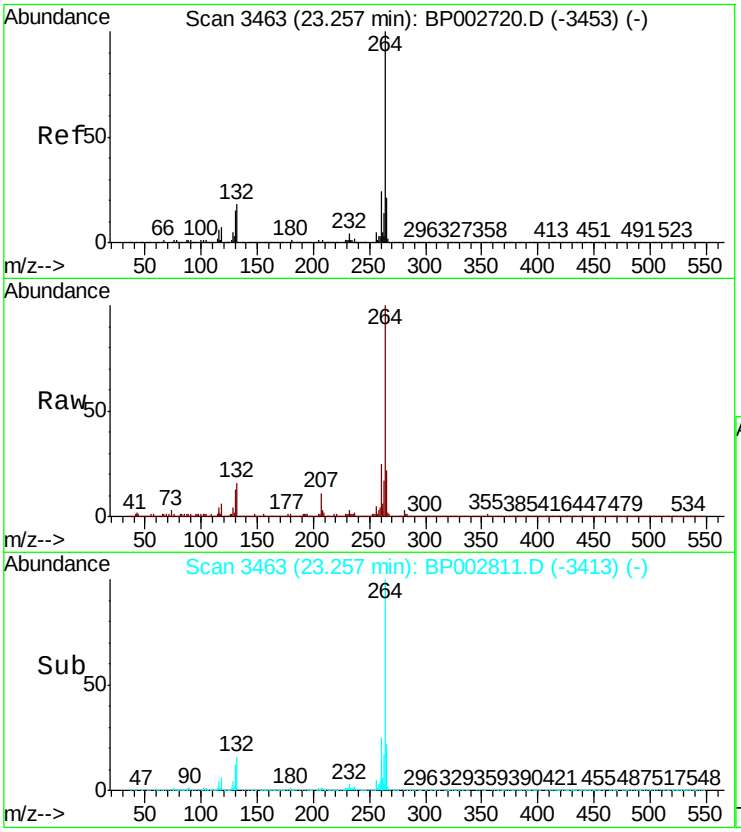


#83
Chrysene
Concen: 3.248 ng
RT: 21.10 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Tgt Ion:228 Resp: 105183

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.6	37.0
229	21.4	15.7	23.5



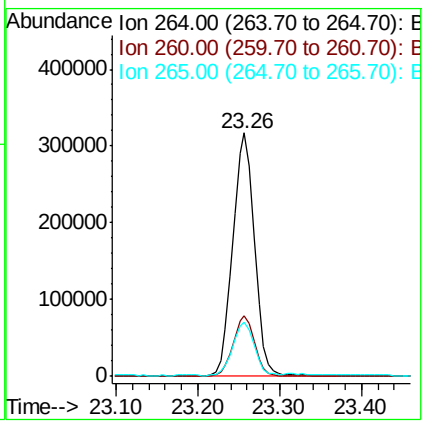


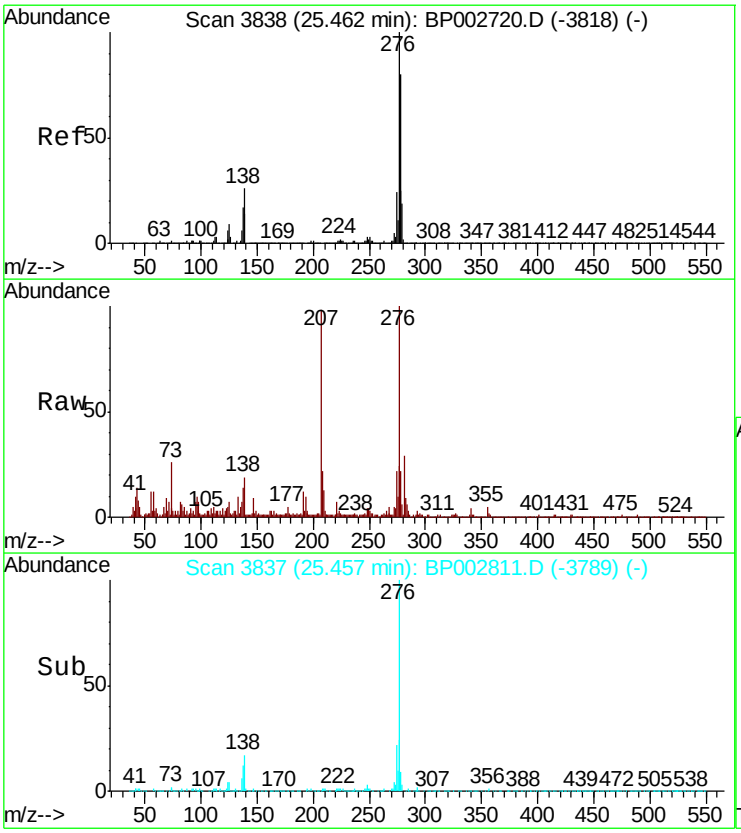
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Instrument :
BNA_P
ClientSampleId :
SAMPLE-1A

Tgt Ion:264 Resp: 586753

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.3	28.9
265	22.5	16.8	25.2

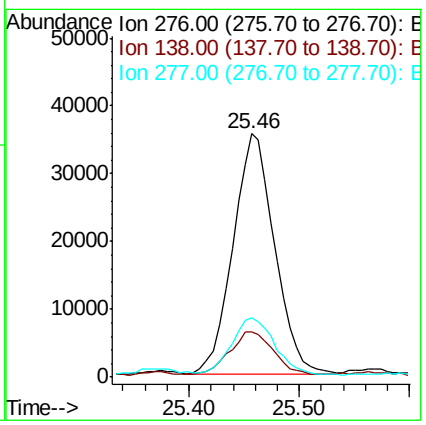


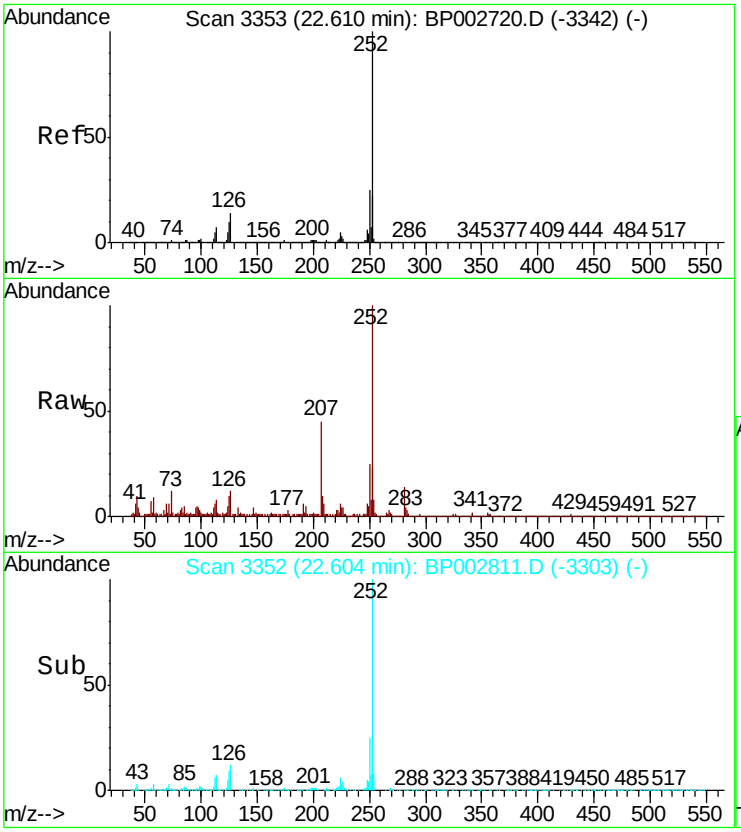


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.207 ng
RT: 25.46 min Scan# 3837
Delta R.T. -0.02 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Tgt Ion:276 Resp: 93577

Ion	Ratio	Lower	Upper
276	100		
138	18.8	20.8	31.2#
277	24.4	20.0	30.0



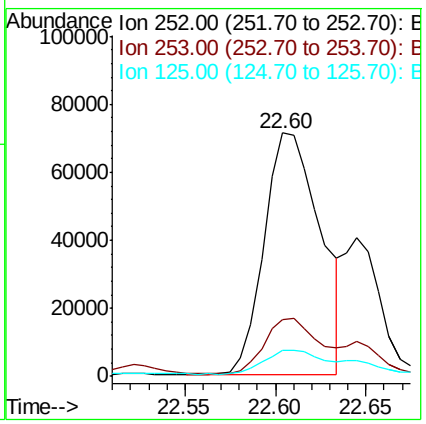


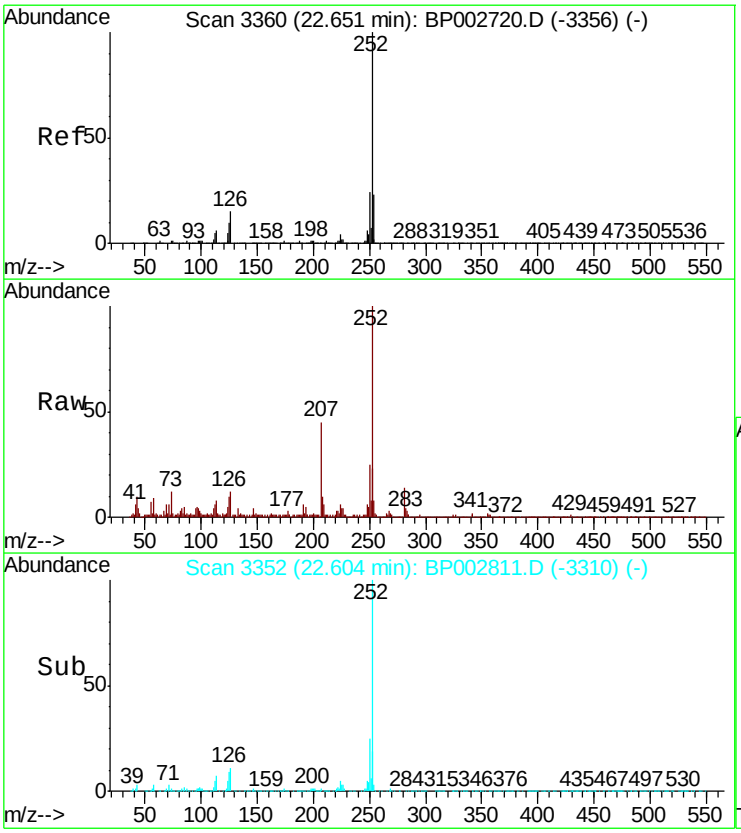
#88
Benzo(b)fluoranthene
Concen: 4.229 ng
RT: 22.60 min Scan# 3352
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Instrument :
BNA_P
ClientSampleId :
SAMPLE-1A

Tgt Ion:252 Resp: 154078

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	10.5	8.2	12.2

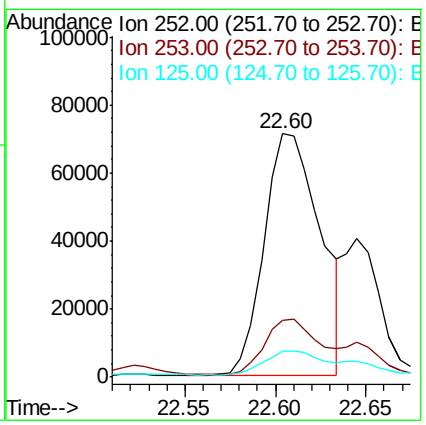


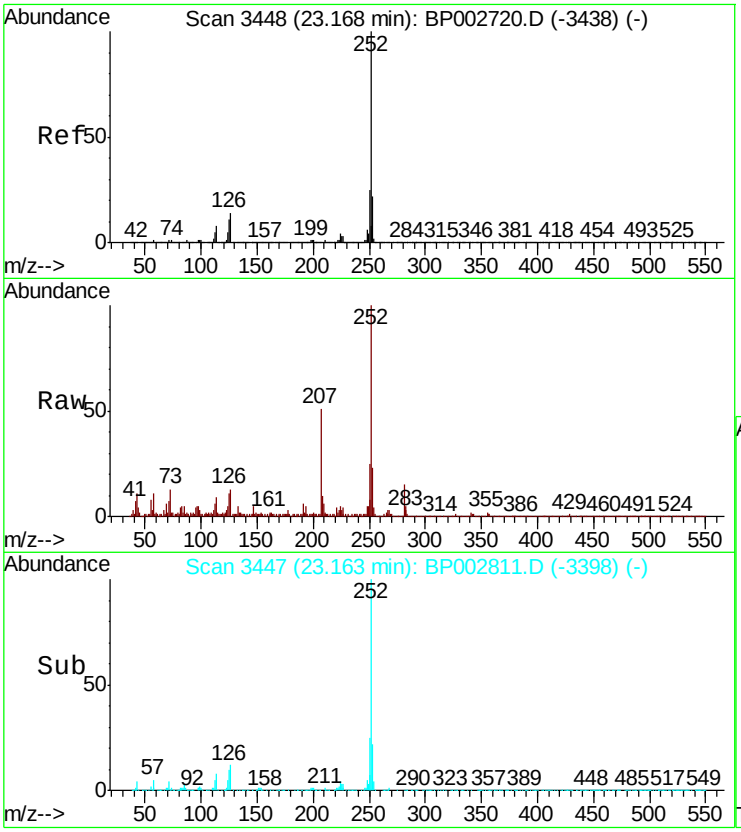


#89
Benzo(k)fluoranthene
Concen: 4.293 ng
RT: 22.60 min Scan# 3352
Delta R.T. -0.05 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Tgt Ion:252 Resp: 154078

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	10.5	8.3	12.5



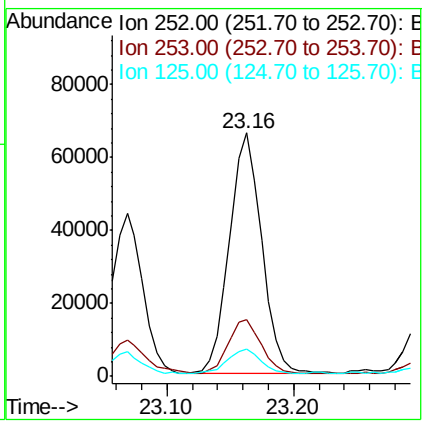


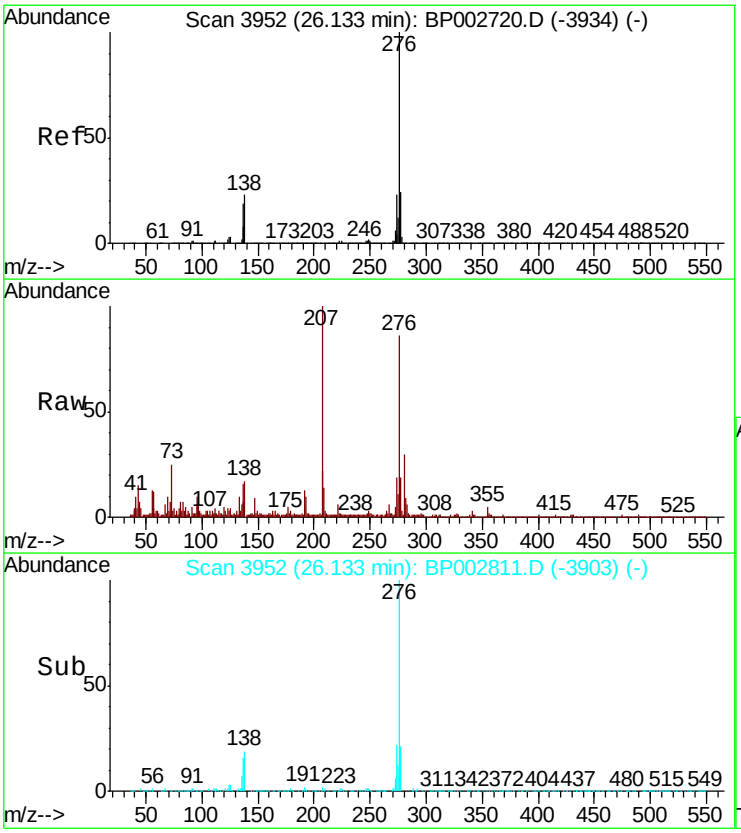
#90
Benzo(a)pyrene
Concen: 3.362 ng
RT: 23.16 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Instrument :
BNA_P
ClientSampleId :
SAMPLE-1A

Tgt Ion:252 Resp: 116093

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	11.1	8.6	13.0





#92
Benzo(g,h,i)perylene
Concen: 2.679 ng
RT: 26.13 min Scan# 3952
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Tgt Ion:276 Resp: 92887

Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.1	28.7
138	19.9	18.3	27.5