Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051821\
Data File : BP005602.D
Acq On : 18 May 2021 16:10
Operator : CG/JU
Sample : M2366-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JG-SPOILS-5-11-21-A

Quant Time: May 19 02:15:57 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 17 15:35:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.664	152	9472	20.00	ng		0.00
21) Naphthalene-d8	10.452	136	31179	20.00	ng	#	0.00
39) Acenaphthene-d10	14.316	164	26175	20.00	ng		0.00
64) Phenanthrene-d10	17.069	188	69491	20.00	ng	#	0.00
76) Chrysene-d12	21.175	240	105370	20.00	ng	#	0.00
86) Perylene-d12	23.469	264	128226	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	1128	2.29	ng		0.04
7) Phenol-d6	6.869	99	13514	21.96	ng		0.00
23) Nitrobenzene-d5	8.828	82	53745	67.85	ng		0.00
42) 2,4,6-Tribromophenol	15.834	330	438	0.59	ng		0.02
45) 2-Fluorobiphenyl	12.934	172	131314	56.59	ng		0.00
79) Terphenyl-d14	19.645	244	337600	54.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.152	88	14	Below Cal		#	1
9) Benzaldehyde	7.081	77	10	Below Cal			91
41) Hexachlorocyclopentadiene	12.422	237	18	7.90	ng		78
50) Dimethylphthalate	13.787	163	14073	6.23	ng	#	97
71) Phenanthrene	17.116	178	27076	6.86	ng		96
75) Fluoranthene	19.092	202	43914	8.09	ng		96
78) Pyrene	19.445	202	43644	7.32	ng		99
81) Benzo(a)anthracene	21.157	228	25153	3.68	ng		97
83) Chrysene	21.157	228	25153	3.80	ng		94
88) Benzo(b)fluoranthene	22.775	252	40197	4.70	ng	#	99
89) Benzo(k)fluoranthene	22.775	252	40197	4.81	ng	#	97
90) Benzo(a)pyrene	23.369	252	24111	3.08	ng	#	95

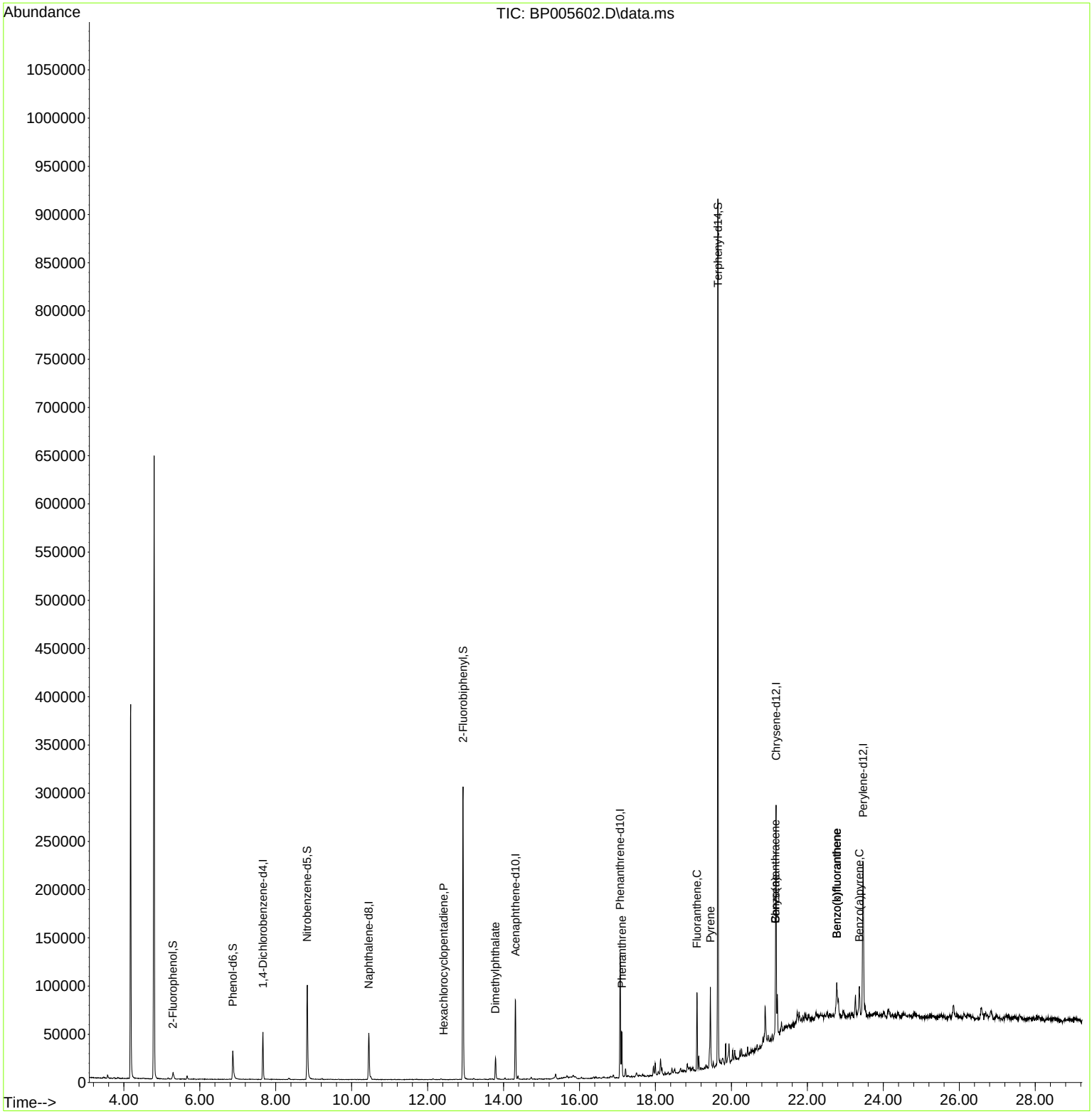
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

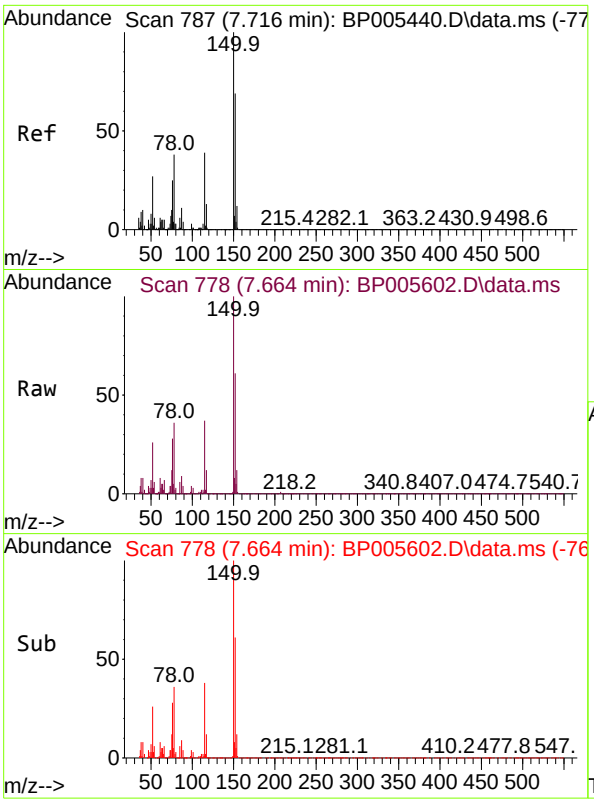
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051821\
Data File : BP005602.D
Acq On : 18 May 2021 16:10
Operator : CG/JU
Sample : M2366-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JG-SPOILS-5-11-21-A

Quant Time: May 19 02:15:57 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 17 15:35:47 2021
Response via : Initial Calibration



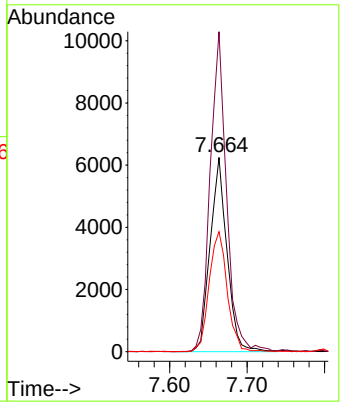
Instrument :
BNA_P
ClientSampleId :
JG-SPOILS-5-11-21-A

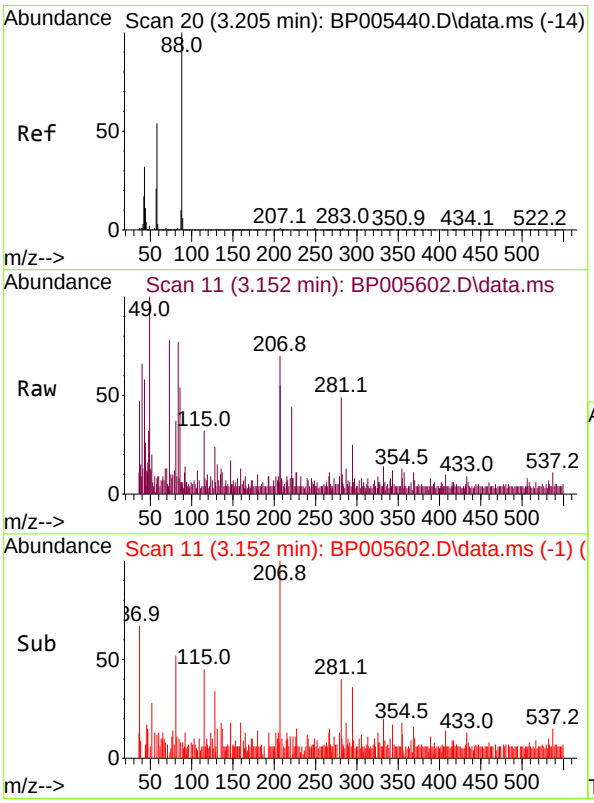


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.664 min Scan# 778
Delta R.T. 0.001 min
Lab File: BP005602.D
Acq: 18 May 2021 16:10

Tgt Ion:152 Resp: 9472

Ion	Ratio	Lower	Upper
152	100		
150	164.7	119.8	179.8
115	61.7	49.0	73.4

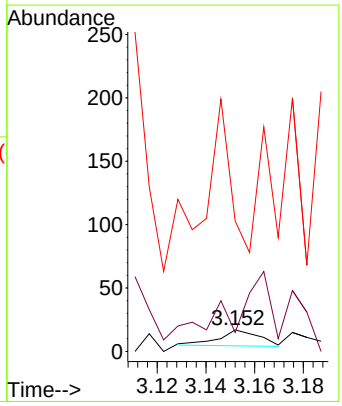


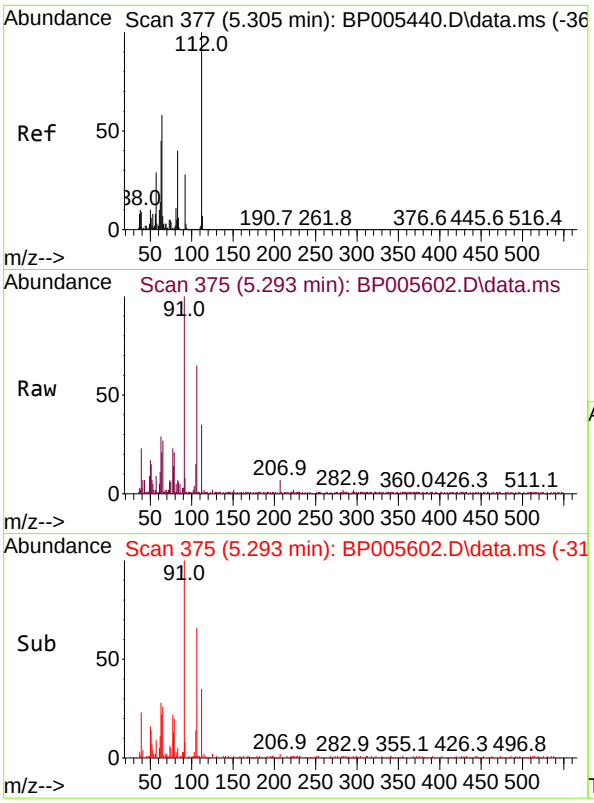


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.152 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP005602.D
Acq: 18 May 2021 16:10

Tgt Ion: 88 Resp: 14

Ion	Ratio	Lower	Upper
88	100		
58	0.0	42.5	63.7#
43	814.3	19.8	29.8#

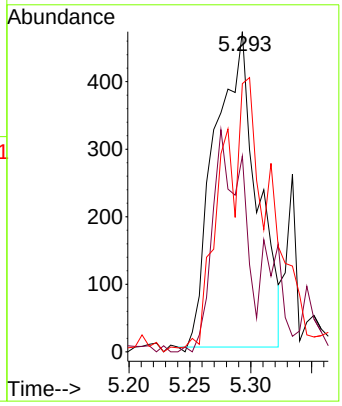




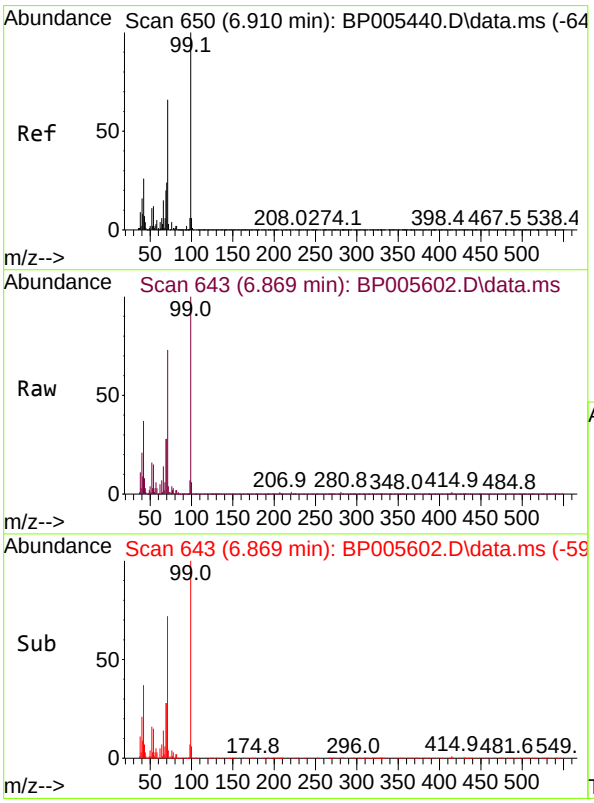
#5
2-Fluorophenol
Concen: 2.29 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.035 min
Lab File: BP005602.D
Acq: 18 May 2021 16:10

Tgt Ion:112 Resp: 1128

Ion	Ratio	Lower	Upper
112	100		
64	61.2	33.6	50.4#
63	83.8	18.6	27.8#



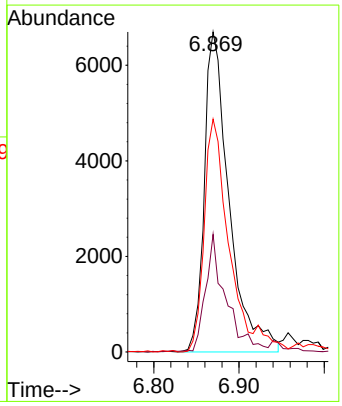
Instrument :
BNA_P
ClientSampleId :
JG-SPOILS-5-11-21-A



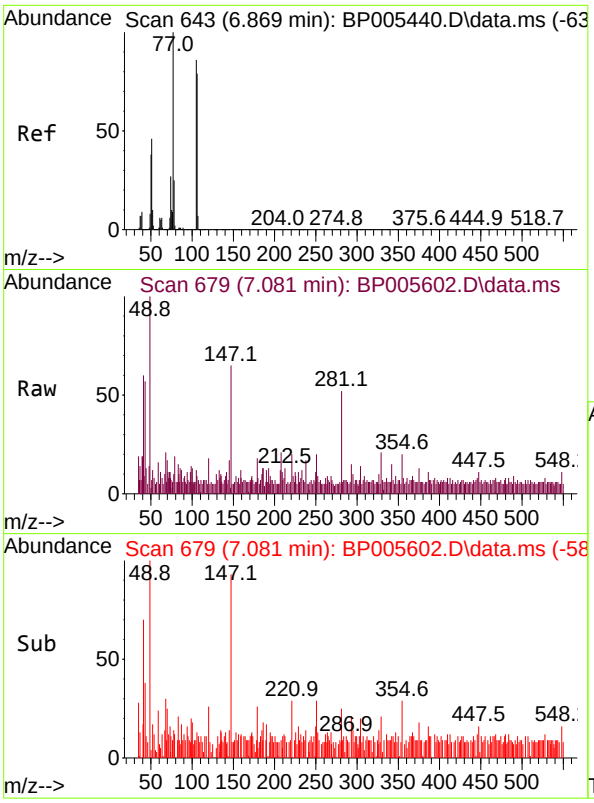
#7
Phenol-d6
Concen: 21.96 ng
RT: 6.869 min Scan# 643
Delta R.T. 0.006 min
Lab File: BP005602.D
Acq: 18 May 2021 16:10

Tgt Ion: 99 Resp: 13514

Ion	Ratio	Lower	Upper
99	100		
42	36.7	12.9	19.3#
71	72.8	26.7	40.1#



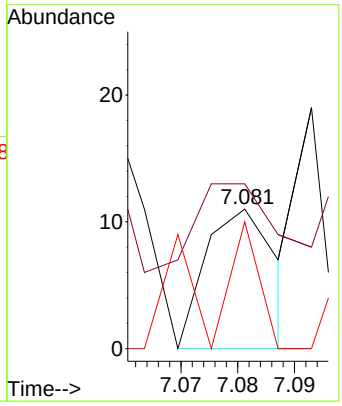
Instrument :
BNA_P
ClientSampleId :
JG-SPOILS-5-11-21-A

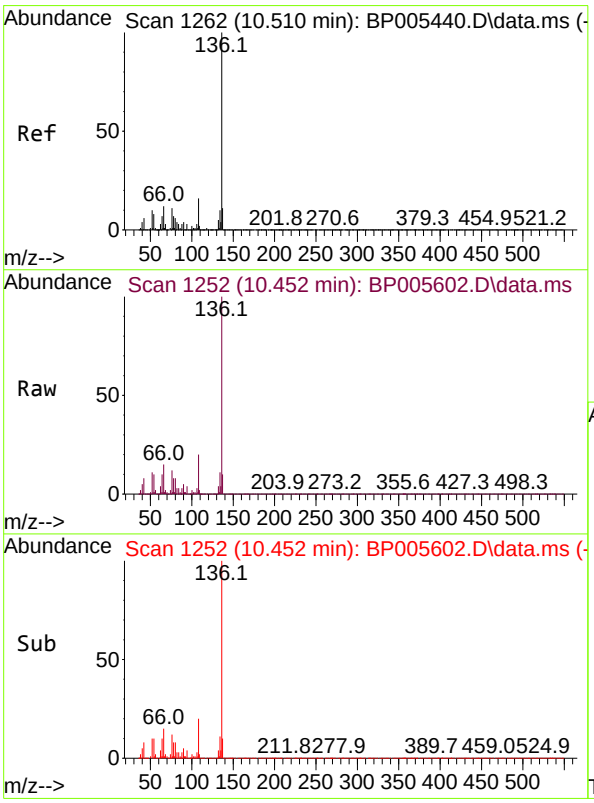


#9
Benzaldehyde
Concen: Below Cal
RT: 7.081 min Scan# 679
Delta R.T. 0.265 min
Lab File: BP005602.D
Acq: 18 May 2021 16:10

Tgt Ion: 77 Resp: 10

Ion	Ratio	Lower	Upper
77	100		
105	118.2	89.4	129.4
106	90.9	79.9	119.9

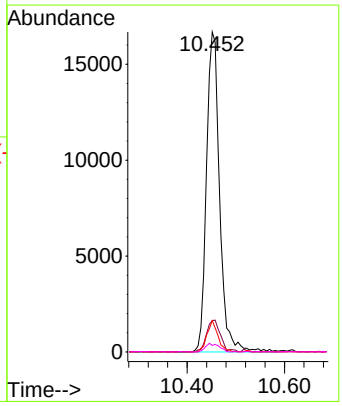


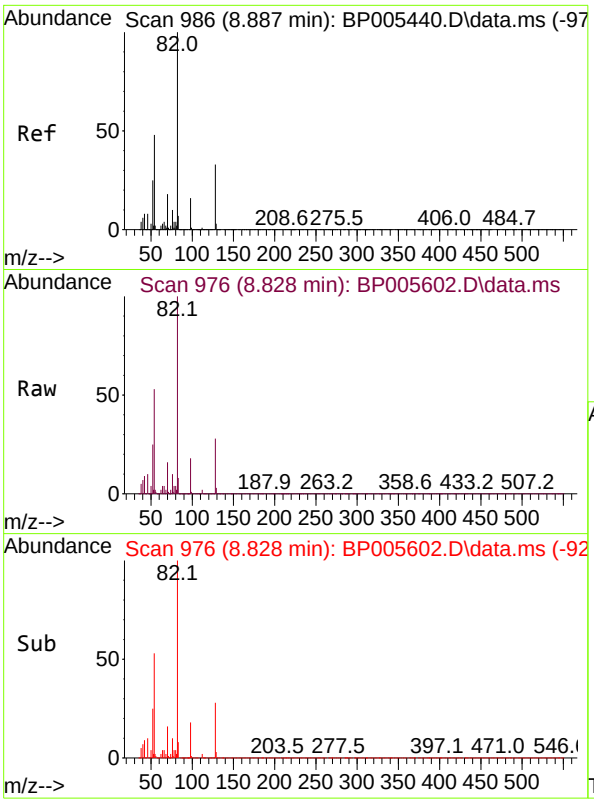


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.452 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BP005602.D
Acq: 18 May 2021 16:10

Tgt Ion:136 Resp: 31179

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.9	13.3
54	9.8	5.0	7.4#
68	2.0	3.7	5.5#

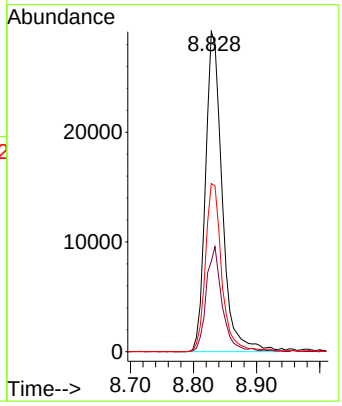




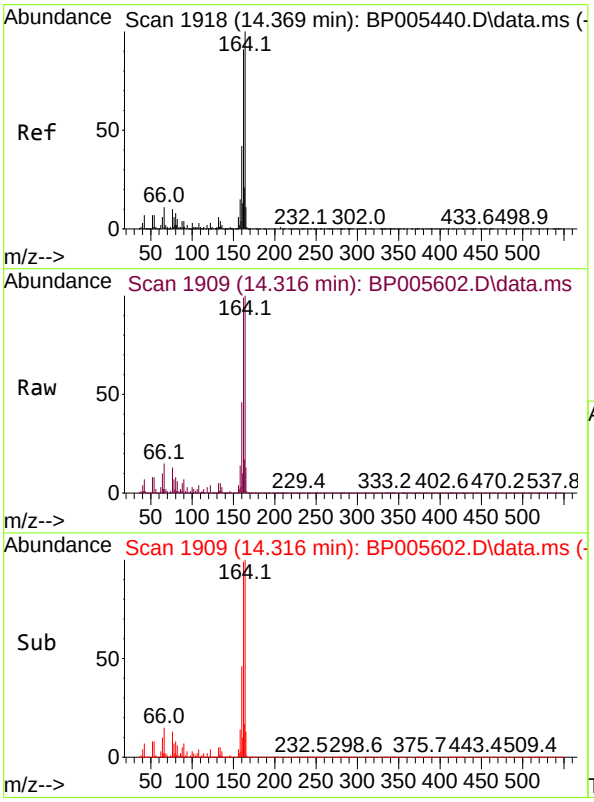
#23
Nitrobenzene-d5
Concen: 67.85 ng
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP005602.D
Acq: 18 May 2021 16:10

Tgt Ion: 82 Resp: 53745

Ion	Ratio	Lower	Upper
82	100		
128	28.2	30.5	45.7#
54	52.5	33.9	50.9#



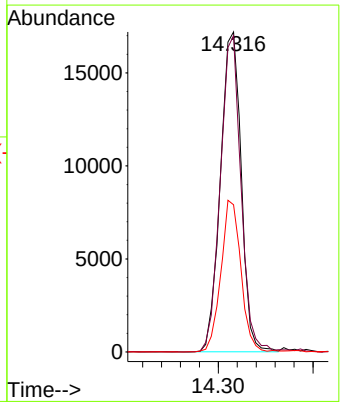
Instrument :
BNA_P
ClientSampleId :
JG-SPOILS-5-11-21-A

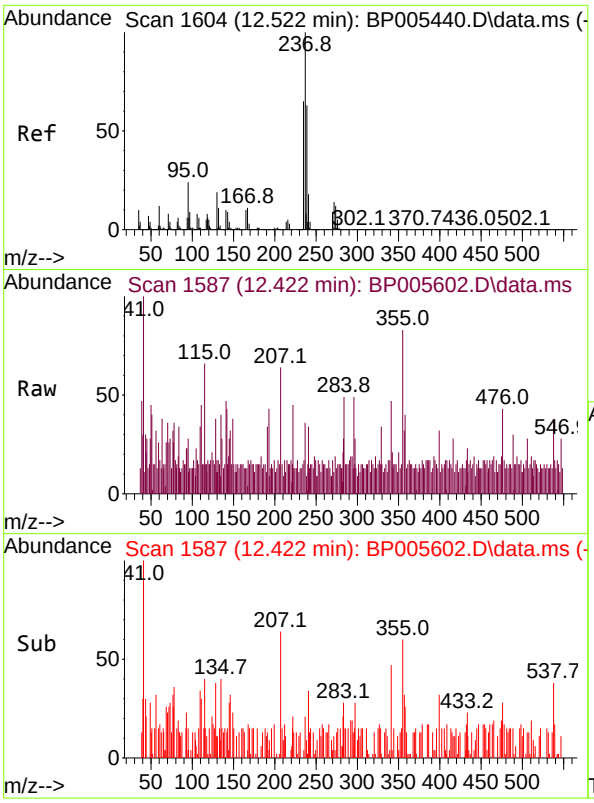


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.316 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BP005602.D
Acq: 18 May 2021 16:10

Tgt Ion:164 Resp: 26175

Ion	Ratio	Lower	Upper
164	100		
162	98.8	73.5	110.3
160	46.0	40.6	61.0

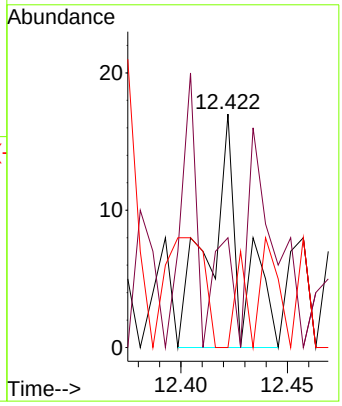




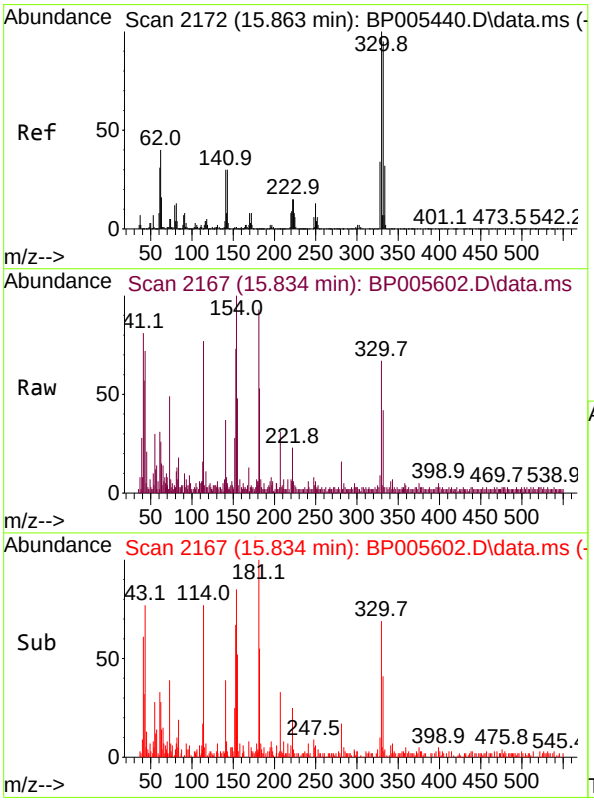
#41
Hexachlorocyclopentadiene
Concen: 7.90 ng
RT: 12.422 min Scan# 1587
Delta R.T. -0.041 min
Lab File: BP005602.D
Acq: 18 May 2021 16:10

Tgt Ion:237 Resp: 18

Ion	Ratio	Lower	Upper
237	100		
235	47.1	40.9	80.9
272	0.0	0.0	34.6



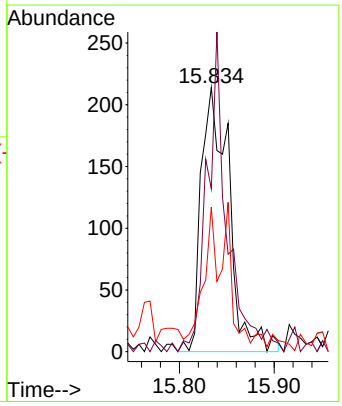
Instrument :
BNA_P
ClientSampleId :
JG-SPOILS-5-11-21-A

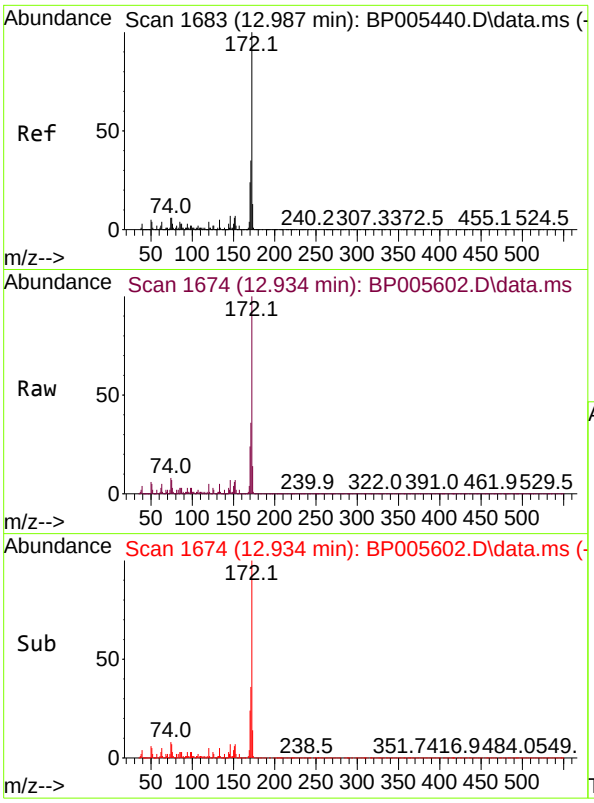


#42
2,4,6-Tribromophenol
Concen: 0.59 ng
RT: 15.834 min Scan# 2167
Delta R.T. 0.018 min
Lab File: BP005602.D
Acq: 18 May 2021 16:10

Tgt Ion:330 Resp: 438

Ion	Ratio	Lower	Upper
330	100		
332	86.8	76.3	114.5
141	44.3	22.8	34.2#

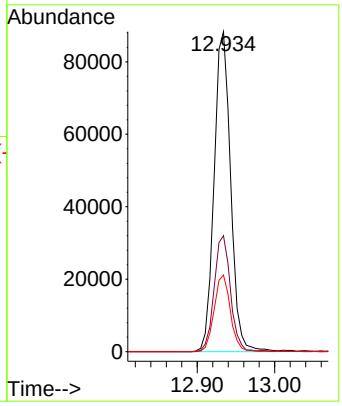




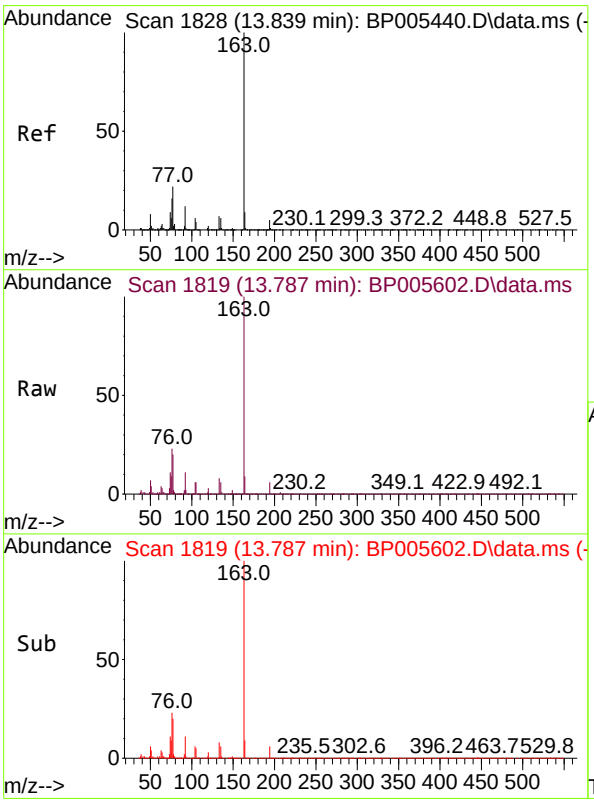
#45
2-Fluorobiphenyl
Concen: 56.59 ng
RT: 12.934 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BP005602.D
Acq: 18 May 2021 16:10

Tgt Ion:172 Resp: 131314

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.1	42.1
170	23.9	19.6	29.4



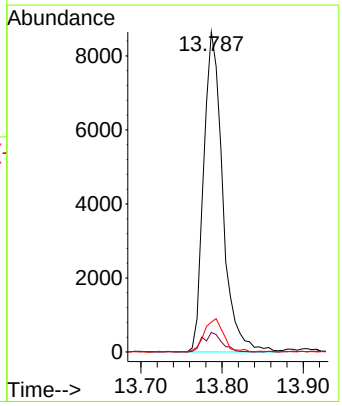
Instrument :
BNA_P
ClientSampleId :
JG-SPOILS-5-11-21-A



#50
Dimethylphthalate
Concen: 6.23 ng
RT: 13.787 min Scan# 1819
Delta R.T. 0.000 min
Lab File: BP005602.D
Acq: 18 May 2021 16:10

Tgt Ion:163 Resp: 14073

Ion	Ratio	Lower	Upper
163	100		
194	6.1	3.9	5.9#
164	9.3	8.1	12.1



Instrument :
BNA_P
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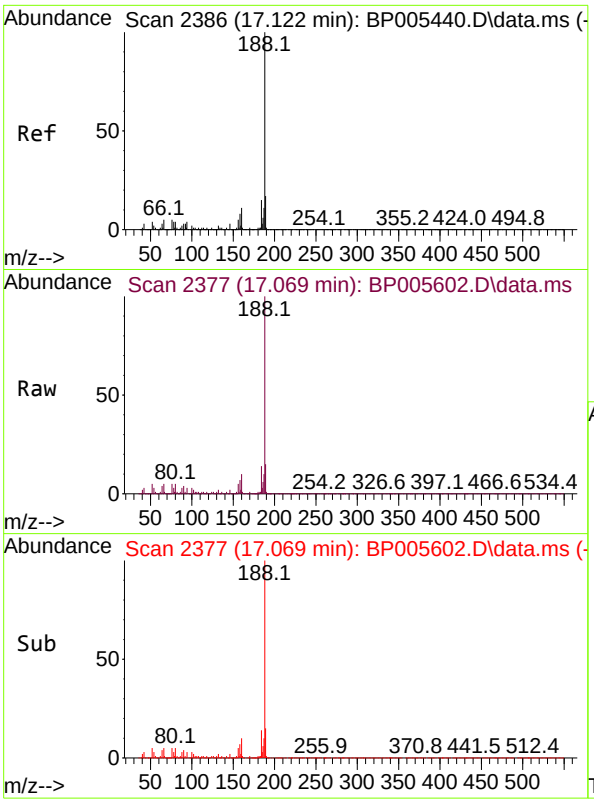
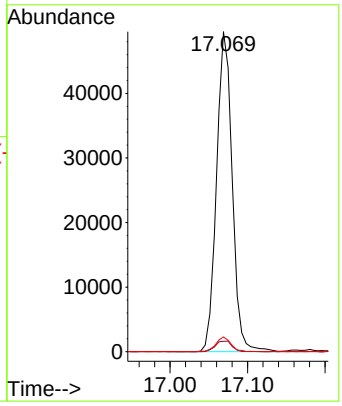
JG-SPOILS-5-11-21-A

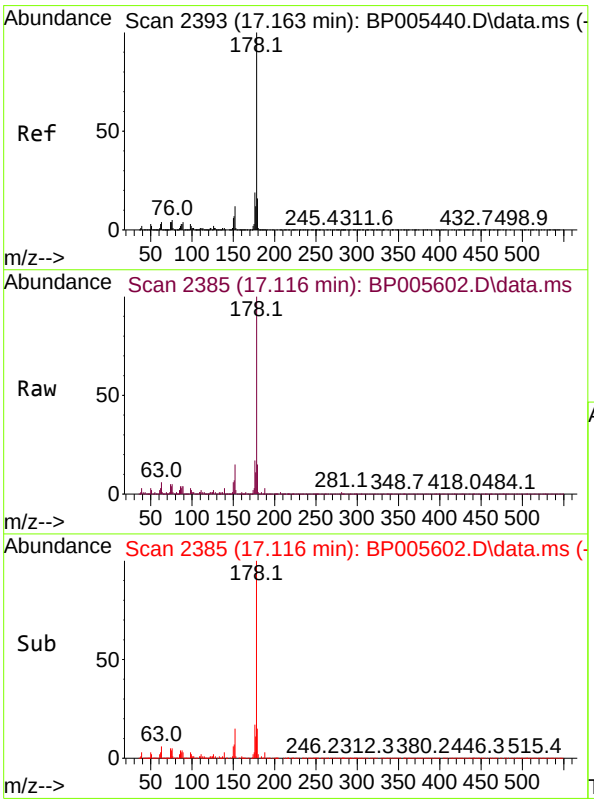


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.006 min
Lab File: BP005602.D
Acq: 18 May 2021 16:10

Tgt Ion:188 Resp: 69491

Ion	Ratio	Lower	Upper
188	100		
94	3.2	5.0	7.6#
80	4.6	5.9	8.9#

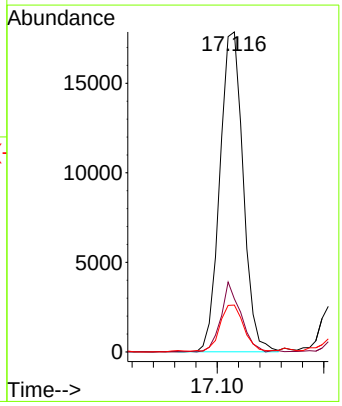


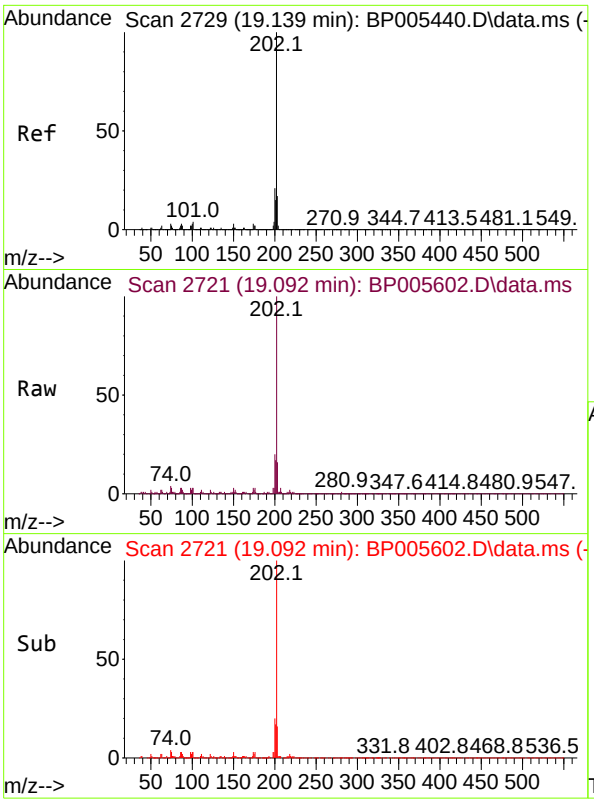


#71
Phenanthrene
Concen: 6.86 ng
RT: 17.116 min Scan# 2385
Delta R.T. 0.000 min
Lab File: BP005602.D
Acq: 18 May 2021 16:10

Tgt Ion:178 Resp: 27076

Ion	Ratio	Lower	Upper
178	100		
176	16.6	15.4	23.2
179	14.6	12.3	18.5

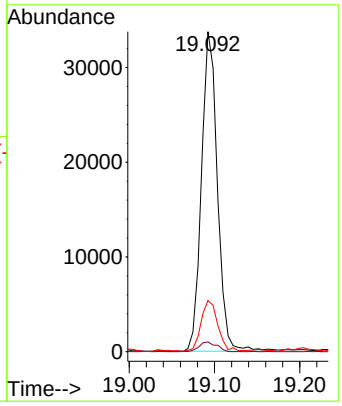




#75
Fluoranthene
Concen: 8.09 ng
RT: 19.092 min Scan# 2721
Delta R.T. -0.006 min
Lab File: BP005602.D
Acq: 18 May 2021 16:10

Tgt Ion:202 Resp: 43914

Ion	Ratio	Lower	Upper
202	100		
101	3.0	0.0	26.1
203	16.0	0.0	37.2



Instrument :
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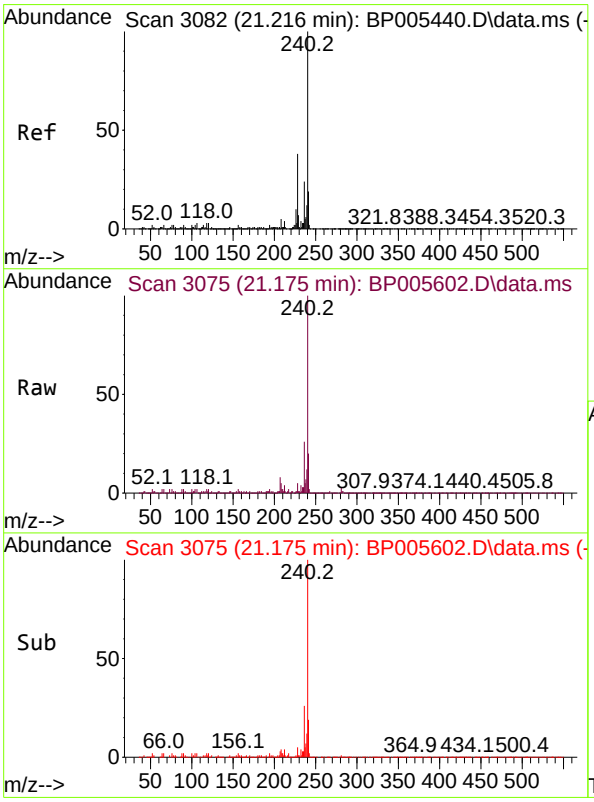
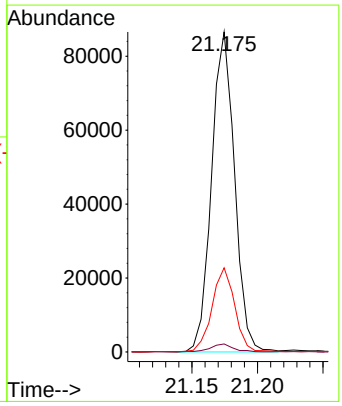
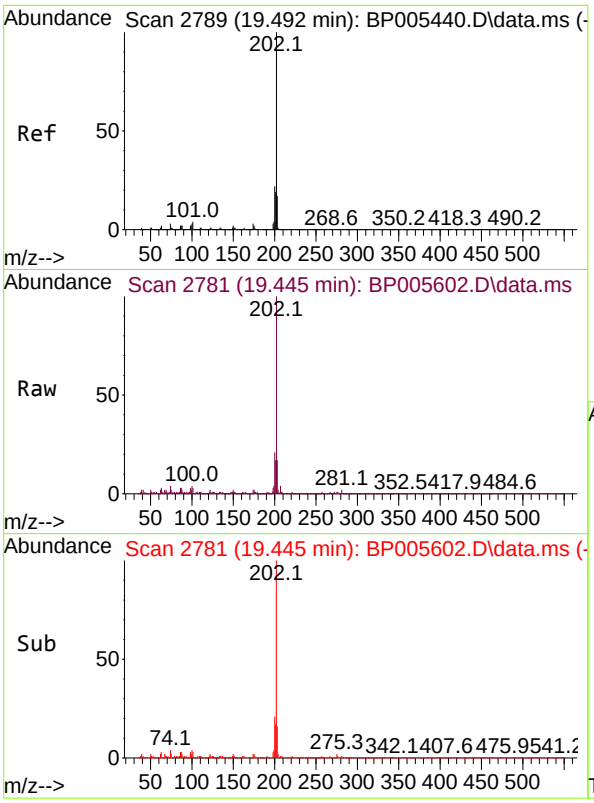


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.175 min Scan# 3075
Delta R.T. -0.006 min
Lab File: BP005602.D
Acq: 18 May 2021 16:10

Tgt Ion:240 Resp: 105370

Ion	Ratio	Lower	Upper
240	100		
120	2.5	4.2	6.2#
236	26.3	20.2	30.2

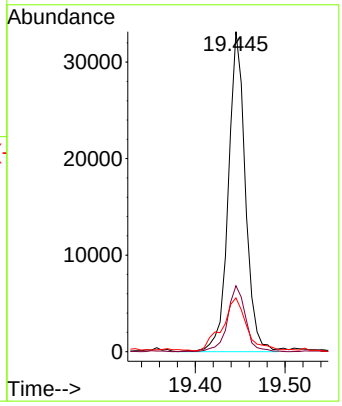




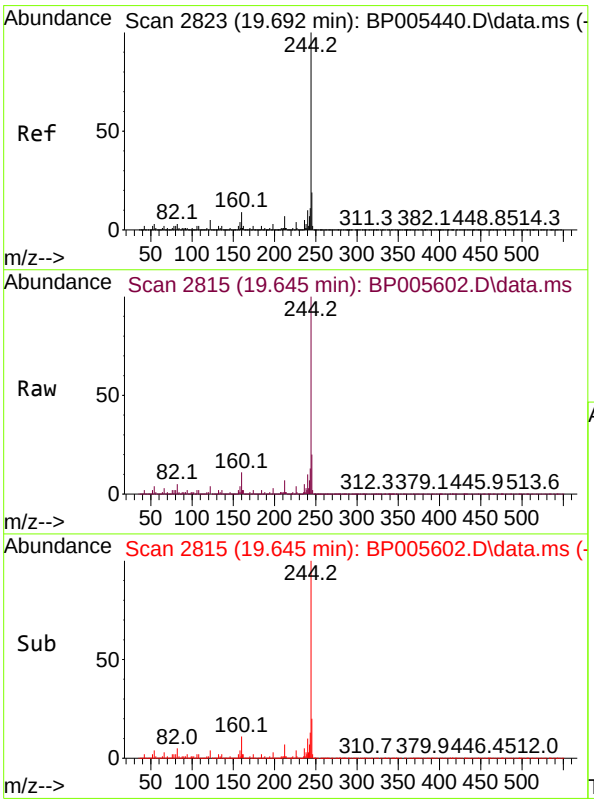
#78
Pyrene
Concen: 7.32 ng
RT: 19.445 min Scan# 2781
Delta R.T. -0.006 min
Lab File: BP005602.D
Acq: 18 May 2021 16:10

Tgt Ion:202 Resp: 43644

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	16.8	13.8	20.6



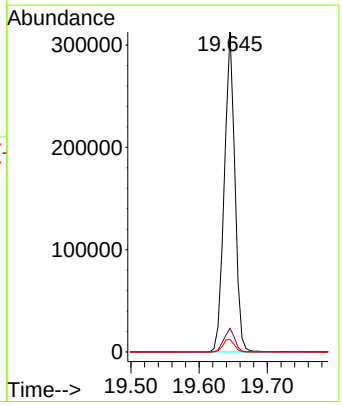
Instrument :
BNA_P
ClientSampleId :
JG-SPOILS-5-11-21-A



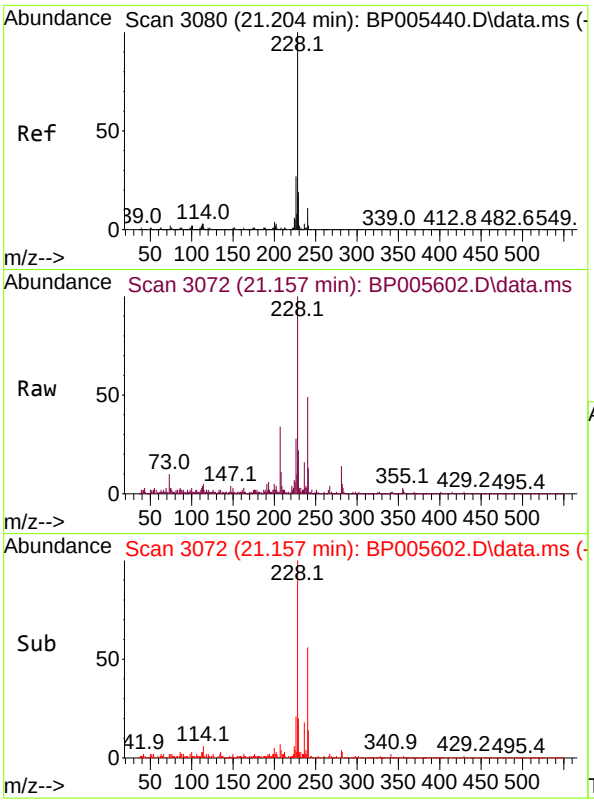
#79
Terphenyl-d14
Concen: 54.41 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP005602.D
Acq: 18 May 2021 16:10

Tgt Ion:244 Resp: 337600

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	3.9	5.2	7.8#



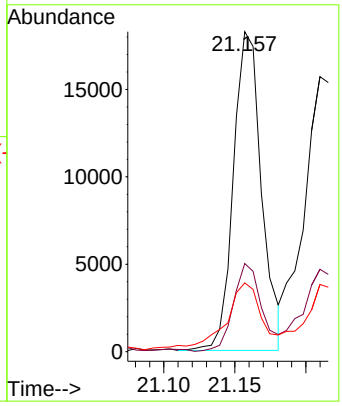
Instrument :
BNA_P
ClientSampleId :
JG-SPOILS-5-11-21-A

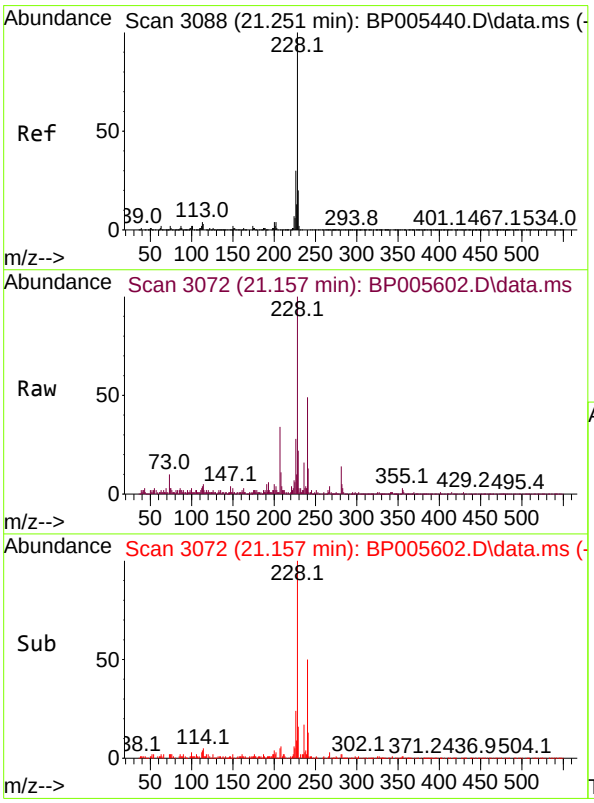


#81
Benzo(a)anthracene
Concen: 3.68 ng
RT: 21.157 min Scan# 3072
Delta R.T. -0.006 min
Lab File: BP005602.D
Acq: 18 May 2021 16:10

Tgt Ion:228 Resp: 25153

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.2	31.8
229	21.5	15.6	23.4

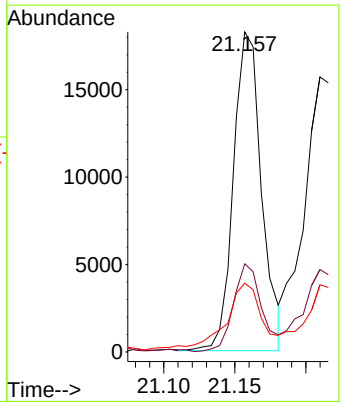


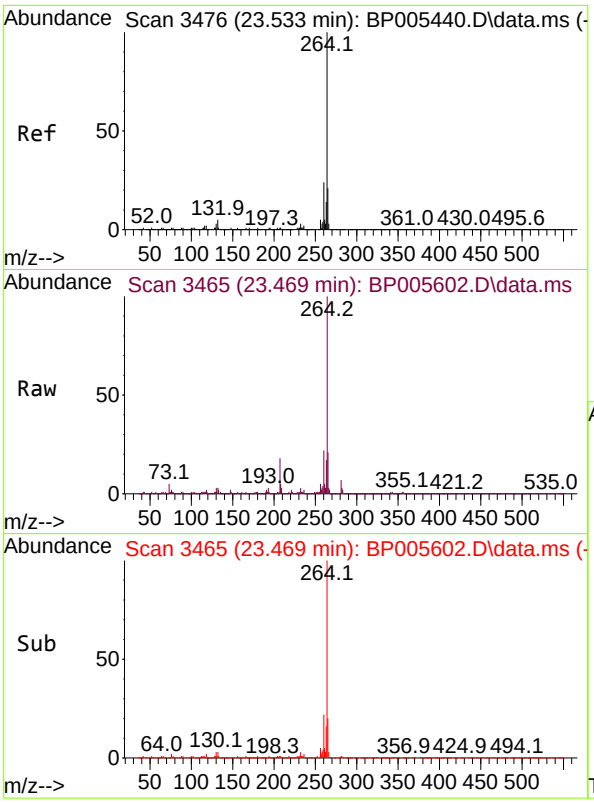


#83
Chrysene
Concen: 3.80 ng
RT: 21.157 min Scan# 3072
Delta R.T. -0.059 min
Lab File: BP005602.D
Acq: 18 May 2021 16:10

Tgt Ion:228 Resp: 25153

Ion	Ratio	Lower	Upper
228	100		
226	27.5	24.8	37.2
229	21.5	15.4	23.0

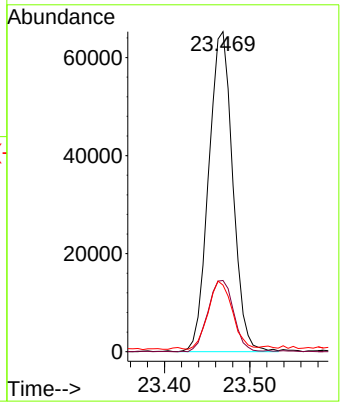




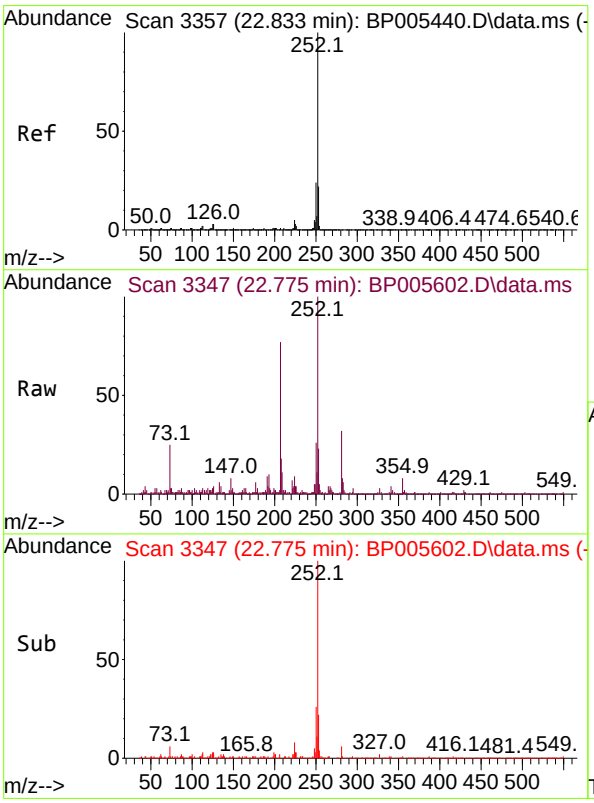
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.469 min Scan# 3465
Delta R.T. -0.006 min
Lab File: BP005602.D
Acq: 18 May 2021 16:10

Tgt Ion:264 Resp: 128226

Ion	Ratio	Lower	Upper
264	100		
260	22.2	20.6	30.8
265	20.8	19.0	28.6



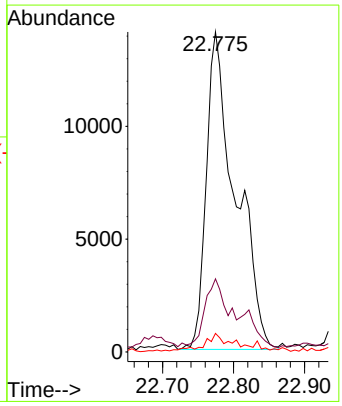
Instrument :
BNA_P
ClientSampleId :
JG-SPOILS-5-11-21-A



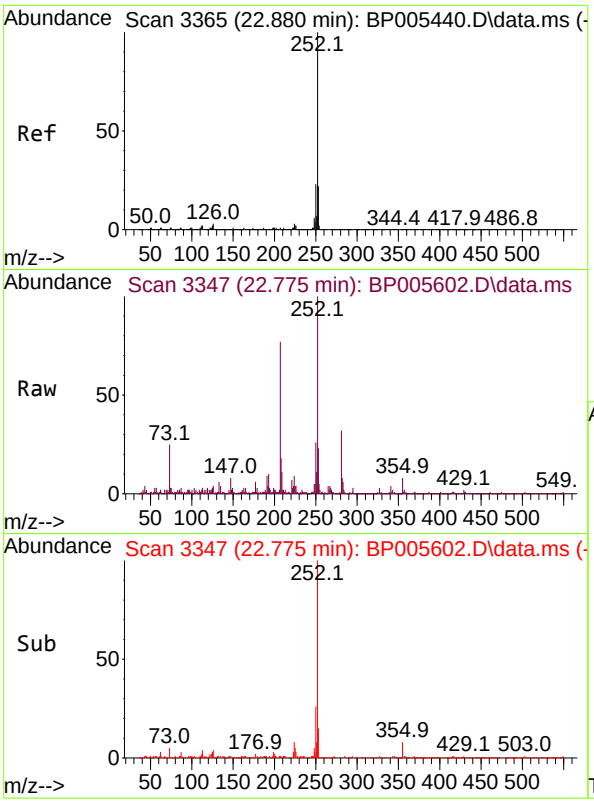
#88
Benzo(b)fluoranthene
Concen: 4.70 ng
RT: 22.775 min Scan# 3347
Delta R.T. 0.000 min
Lab File: BP005602.D
Acq: 18 May 2021 16:10

Tgt Ion:252 Resp: 40197

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	5.8	3.4	5.0#



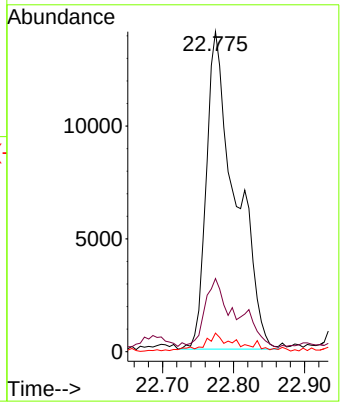
Instrument :
BNA_P
ClientSampleId :
JG-SPOILS-5-11-21-A

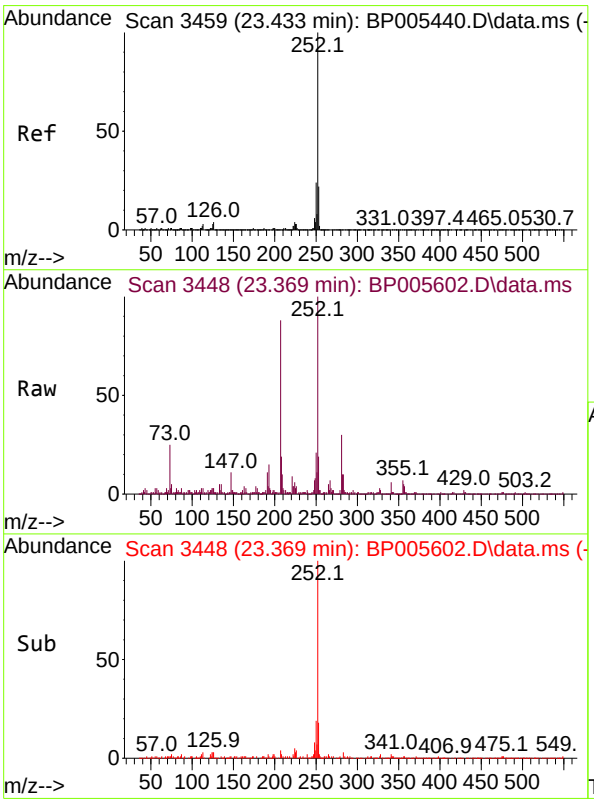


#89
Benzo(k)fluoranthene
Concen: 4.81 ng
RT: 22.775 min Scan# 3347
Delta R.T. -0.047 min
Lab File: BP005602.D
Acq: 18 May 2021 16:10

Tgt Ion:252 Resp: 40197

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	5.8	3.8	5.6#





#90
Benzo(a)pyrene
Concen: 3.08 ng
RT: 23.369 min Scan# 3448
Delta R.T. 0.000 min
Lab File: BP005602.D
Acq: 18 May 2021 16:10

Tgt Ion:252 Resp: 24111

Ion	Ratio	Lower	Upper
252	100		
253	19.2	17.1	25.7
125	3.1	3.8	5.6#