Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
Data File : BP002828.D
Acq On : 22 Jul 2020 16:58
Operator : CG/JU
Sample : L3363-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 81-83

Quant Time: Jul 23 02:25:28 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	157634	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	637997	20.00	ng		-0.01
39) Acenaphthene-d10	14.20	164	363873	20.00	ng		-0.01
64) Phenanthrene-d10	16.96	188	596672	20.00	ng		0.00
76) Chrysene-d12	21.09	240	244758	20.00	ng		0.02
86) Perylene-d12	23.29	264	354280	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	580080	62.09	ng		0.00
7) Phenol-d6	6.75	99	809420	60.70	ng		0.00
23) Nitrobenzene-d5	8.69	82	590742	49.52	ng		-0.01
42) 2,4,6-Tribromophenol	15.70	330	232625	61.25	ng		0.00
45) 2-Fluorobiphenyl	12.81	172	1256057	53.40	ng		-0.01
79) Terphenyl-d14	19.56	244	665731	62.36	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.36	128	81462	2.418	ng		98
37) 2-Methylnaphthalene	11.99	142	53461	2.249	ng		95
50) Dimethylphthalate	13.66	163	133980	4.828	ng		98
71) Phenanthrene	17.00	178	65048	2.013	ng	#	75
74) Di-n-butylphthalate	17.95	149	176600	5.234	ng	#	95
75) Fluoranthene	19.00	202	163369	4.364	ng		95
78) Pyrene	19.35	202	94432	5.588	ng	#	93
83) Chrysene	21.13	228	61967	4.109	ng		96
84) Bis(2-ethylhexyl)phthalate	21.02	149	138069	14.886	ng	#	93
88) Benzo(b)fluoranthene	22.63	252	53361	2.426	ng	#	1

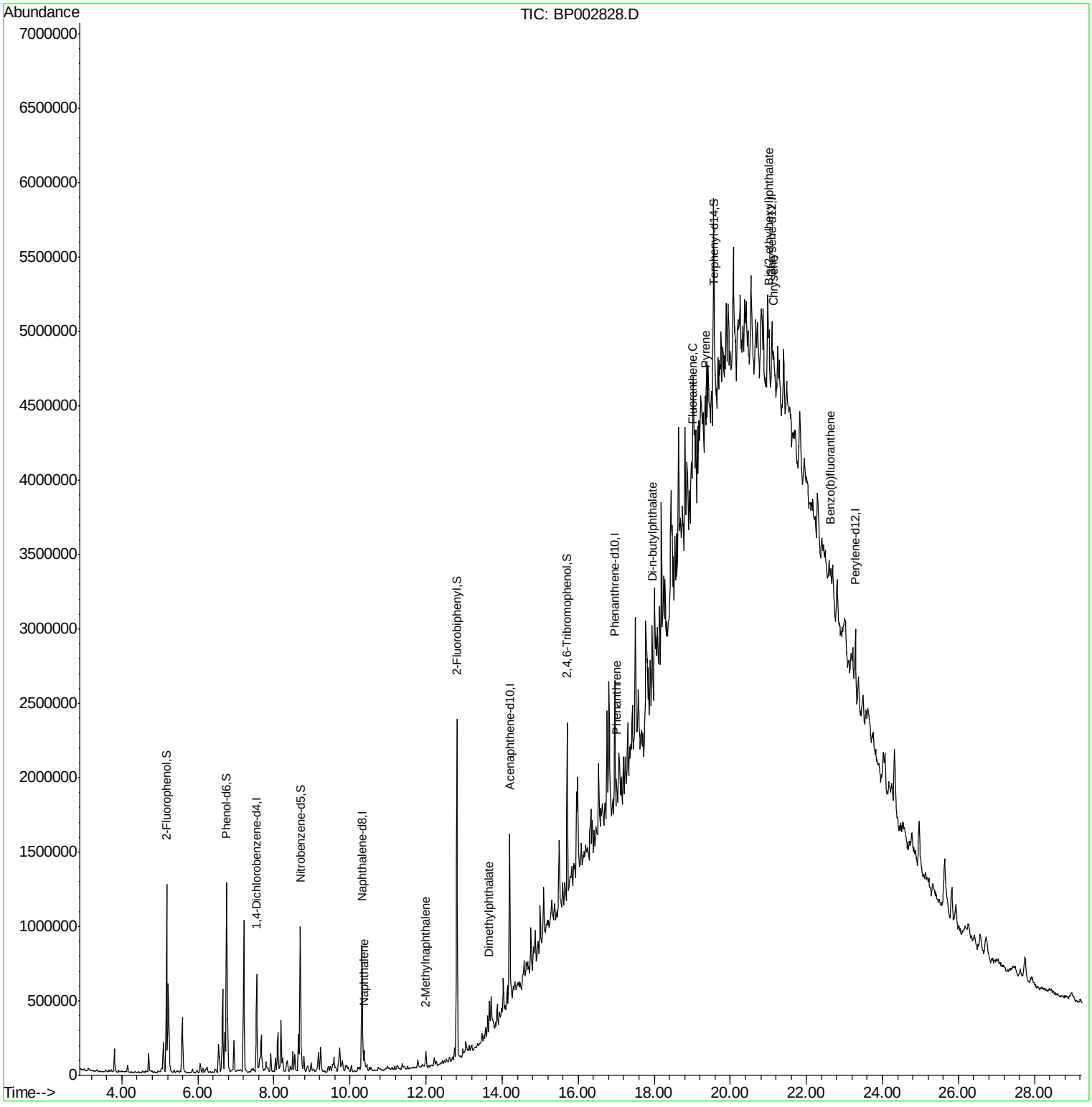
(#) = qualifier out of range (m) = manual integration (+) = signals summed

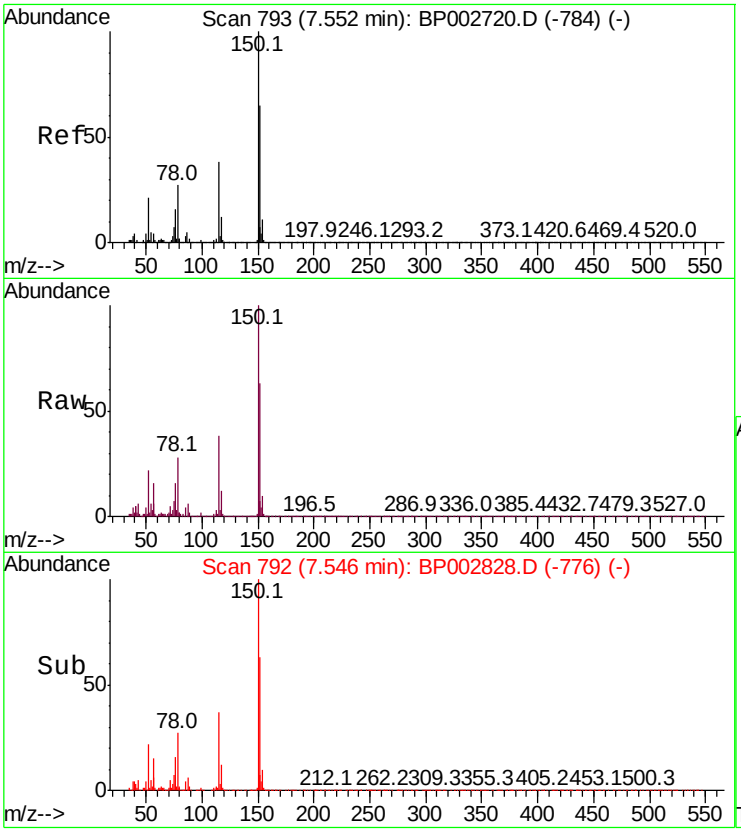
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
Data File : BP002828.D
Acq On : 22 Jul 2020 16:58
Operator : CG/JU
Sample : L3363-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 81-83

Quant Time: Jul 23 02:25:28 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



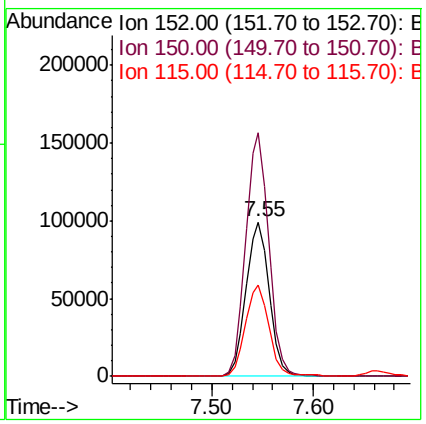


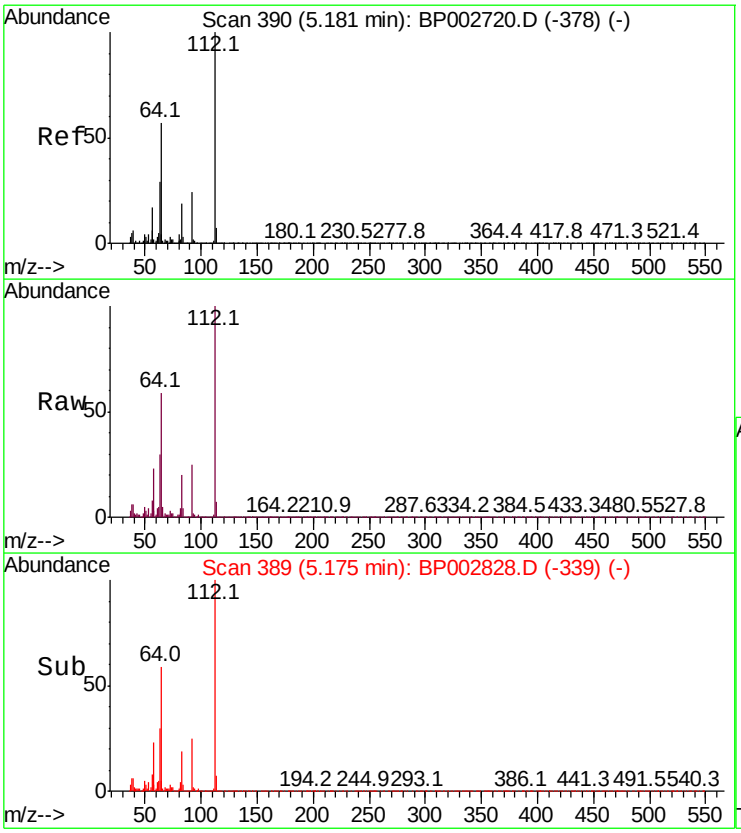
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002828.D
Acq: 22 Jul 2020 16:58

Instrument :
BNA_P
ClientSampleId :
81-83

Tgt Ion:152 Resp: 157634

Ion	Ratio	Lower	Upper
152	100		
150	157.7	123.7	185.5
115	59.2	47.2	70.8

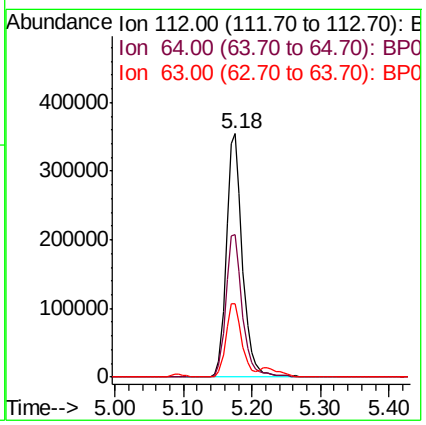


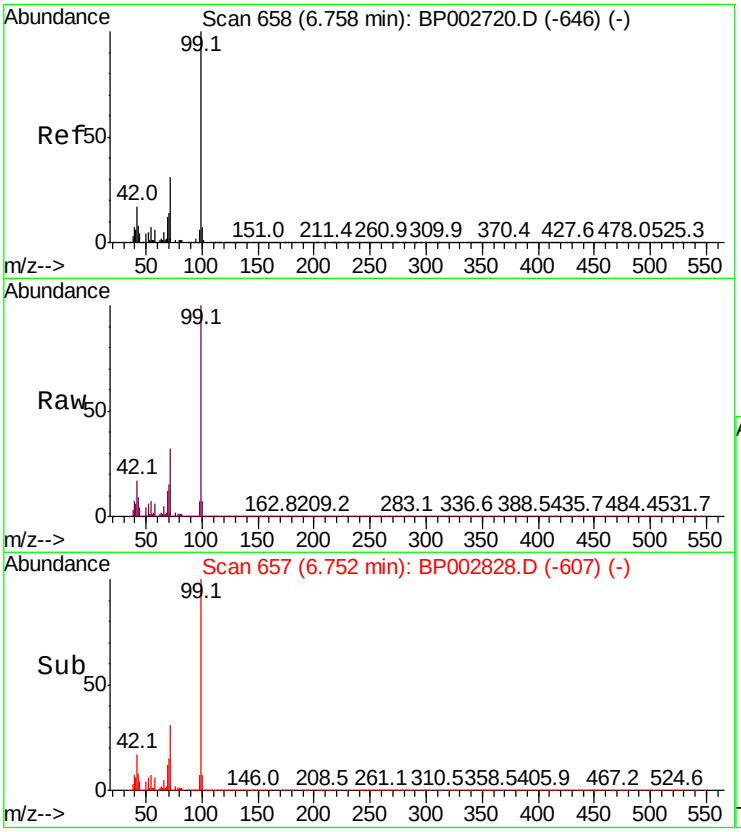


#5
2-Fluorophenol
Concen: 62.087 ng
RT: 5.18 min Scan# 389
Delta R.T. -0.01 min
Lab File: BP002828.D
Acq: 22 Jul 2020 16:58

Tgt Ion:112 Resp: 580080

Ion	Ratio	Lower	Upper
112	100		
64	58.6	45.6	68.4
63	30.4	23.5	35.3



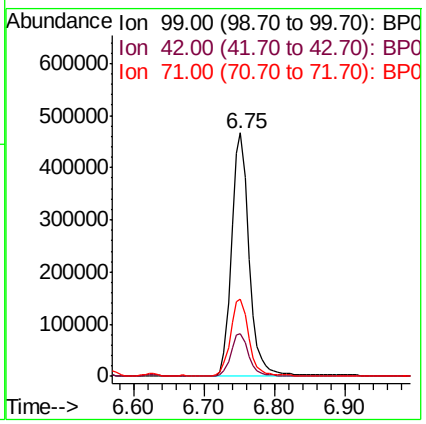


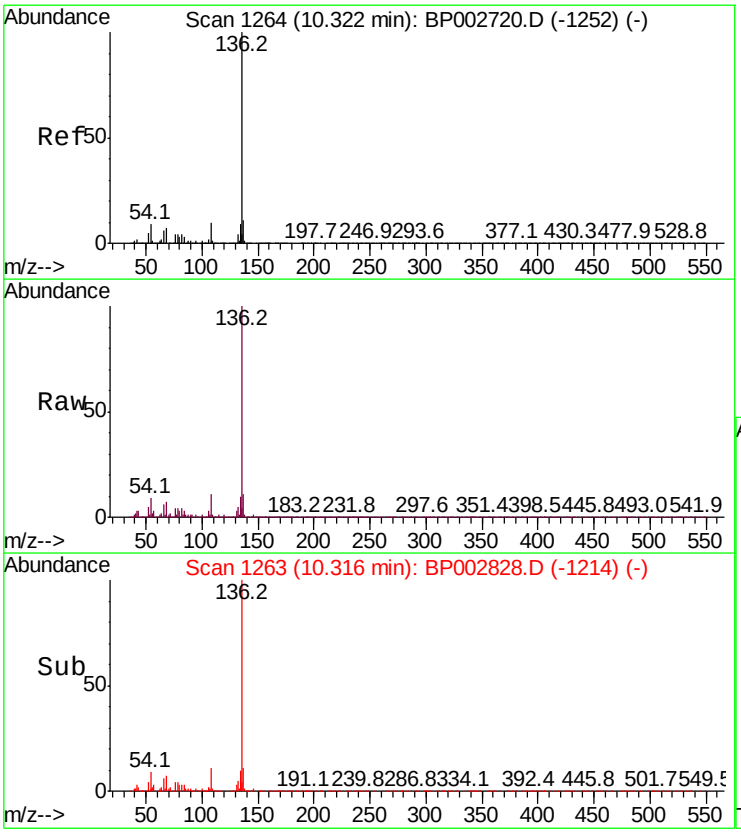
#7
Phenol-d6
Concen: 60.703 ng
RT: 6.75 min Scan# 657
Delta R.T. -0.01 min
Lab File: BP002828.D
Acq: 22 Jul 2020 16:58

Instrument :
BNA_P
ClientSampleId :
81-83

Tgt Ion: 99 Resp: 809420

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.4	20.2
71	31.9	24.6	36.8

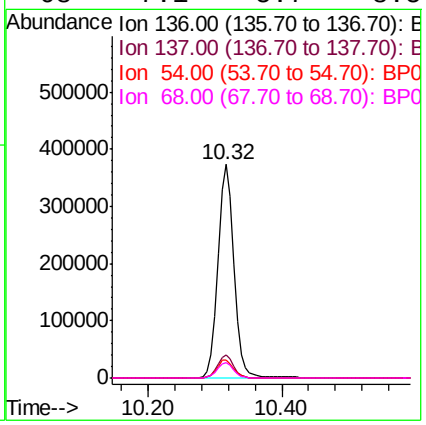


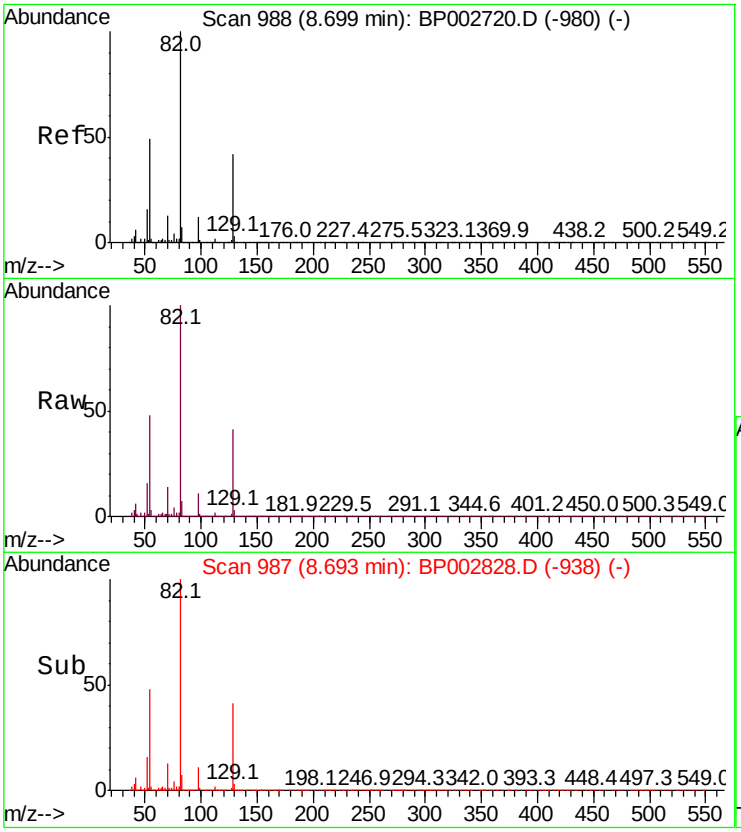


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BP002828.D
Acq: 22 Jul 2020 16:58

Tgt Ion:136 Resp: 637997

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.6	6.9	10.3
68	7.1	5.7	8.5



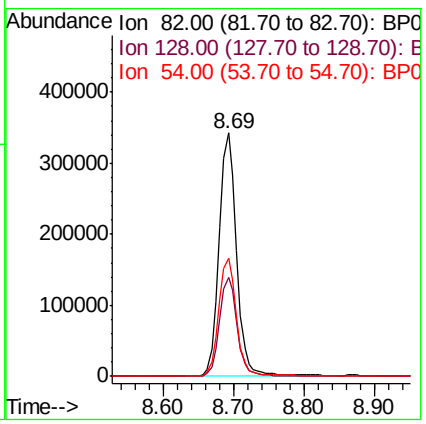


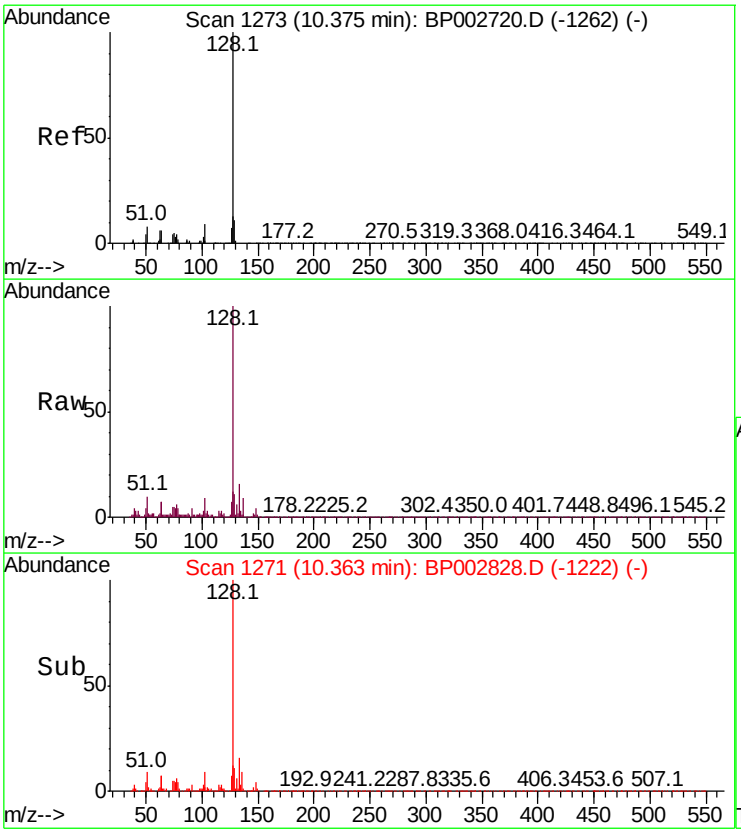
#23
Nitrobenzene-d5
Concen: 49.522 ng
RT: 8.69 min Scan# 987
Delta R.T. -0.01 min
Lab File: BP002828.D
Acq: 22 Jul 2020 16:58

Instrument :
BNA_P
ClientSampleId :
81-83

Tgt Ion: 82 Resp: 590742

Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.8	50.8
54	48.4	38.8	58.2

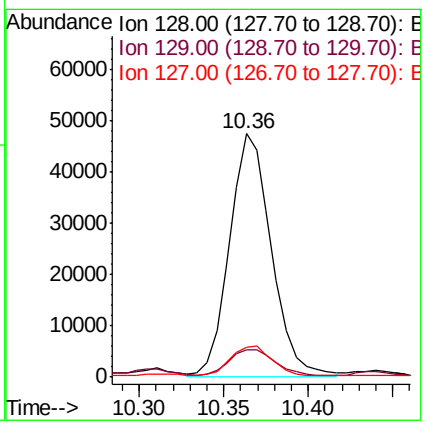


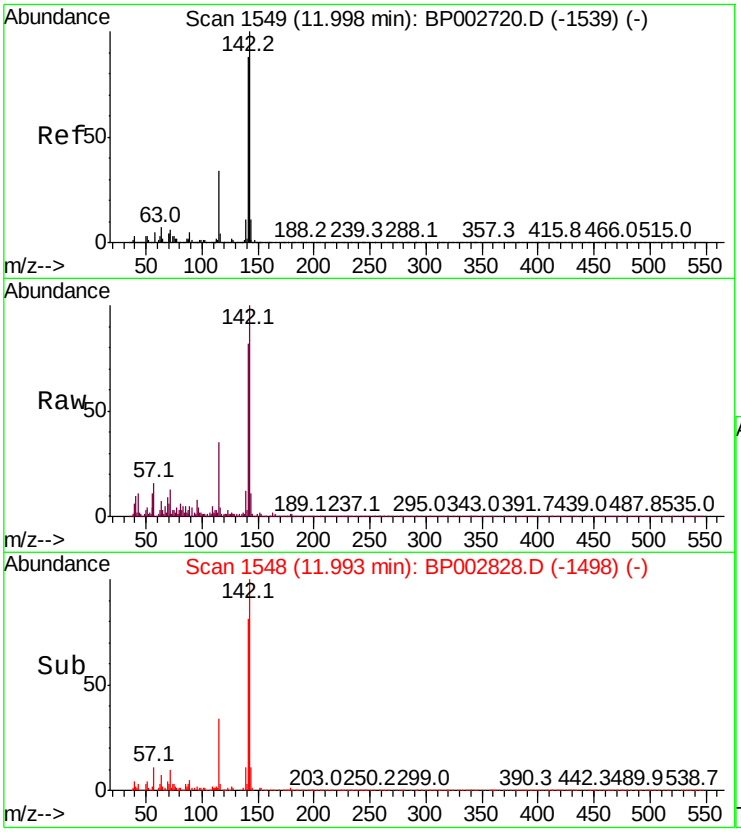


#31
Naphthalene
Concen: 2.418 ng
RT: 10.36 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BP002828.D
Acq: 22 Jul 2020 16:58

Tgt Ion:128 Resp: 81462

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	12.4	10.6	15.8



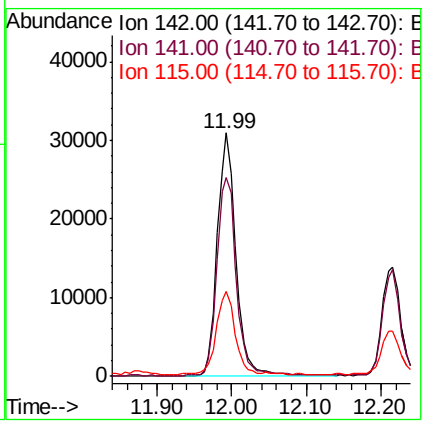


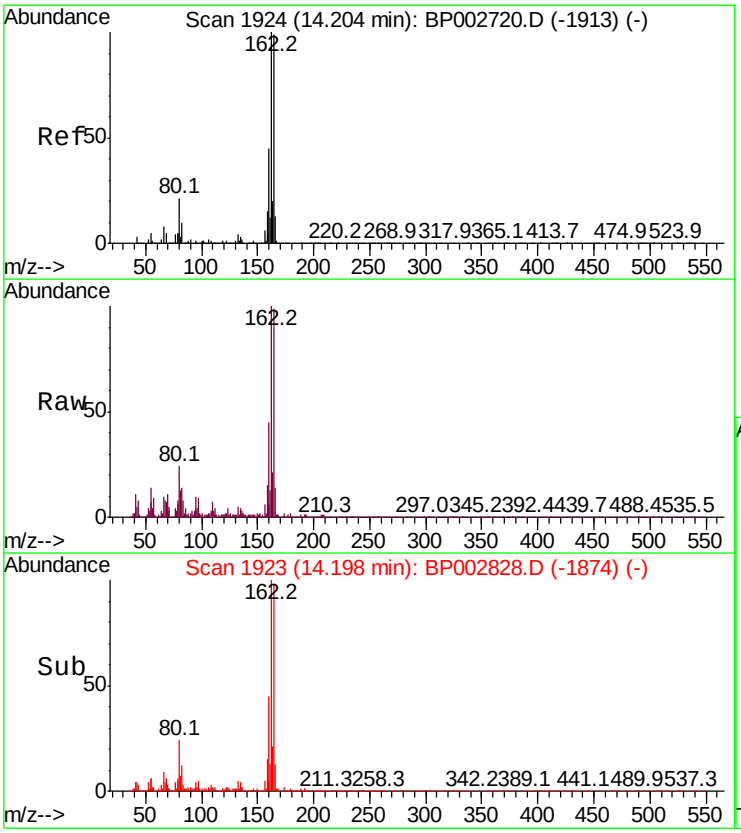
#37
2-Methylnaphthalene
Concen: 2.249 ng
RT: 11.99 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BP002828.D
Acq: 22 Jul 2020 16:58

Instrument :
BNA_P
ClientSampleId :
81-83

Tgt Ion:142 Resp: 53461

Ion	Ratio	Lower	Upper
142	100		
141	81.7	70.4	105.6
115	34.8	27.0	40.6

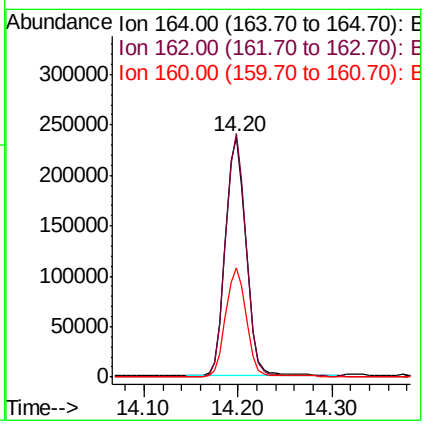


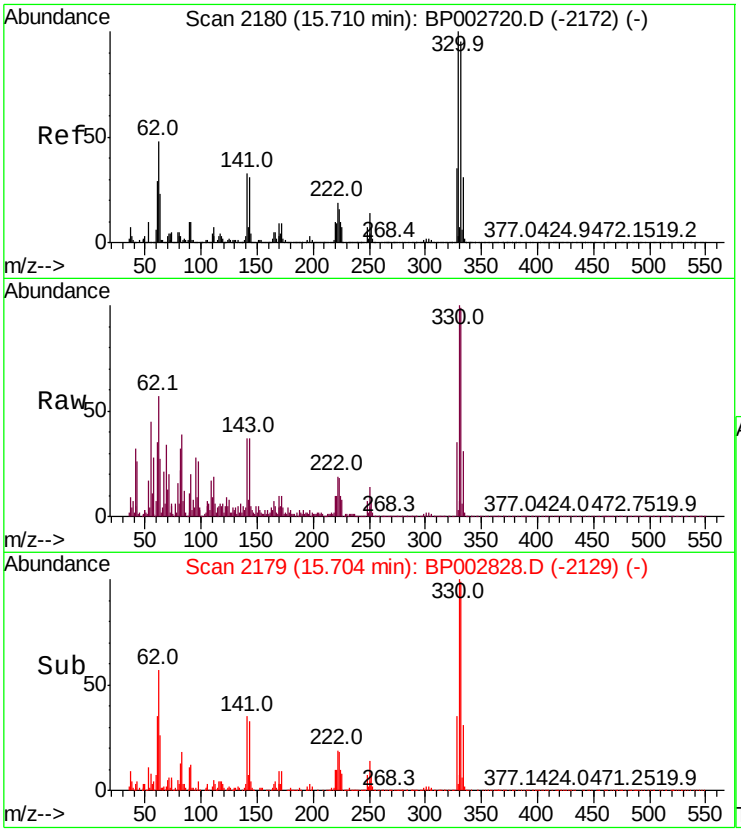


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BP002828.D
Acq: 22 Jul 2020 16:58

Tgt Ion:164 Resp: 363873

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.6	121.0
160	45.5	36.4	54.6



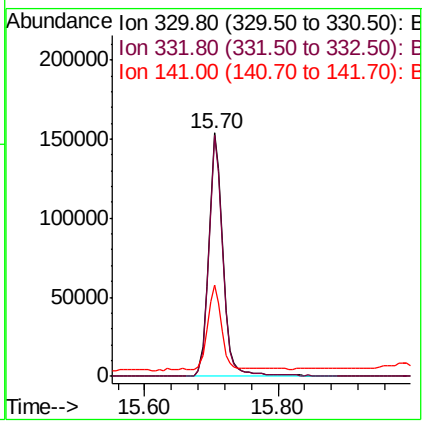


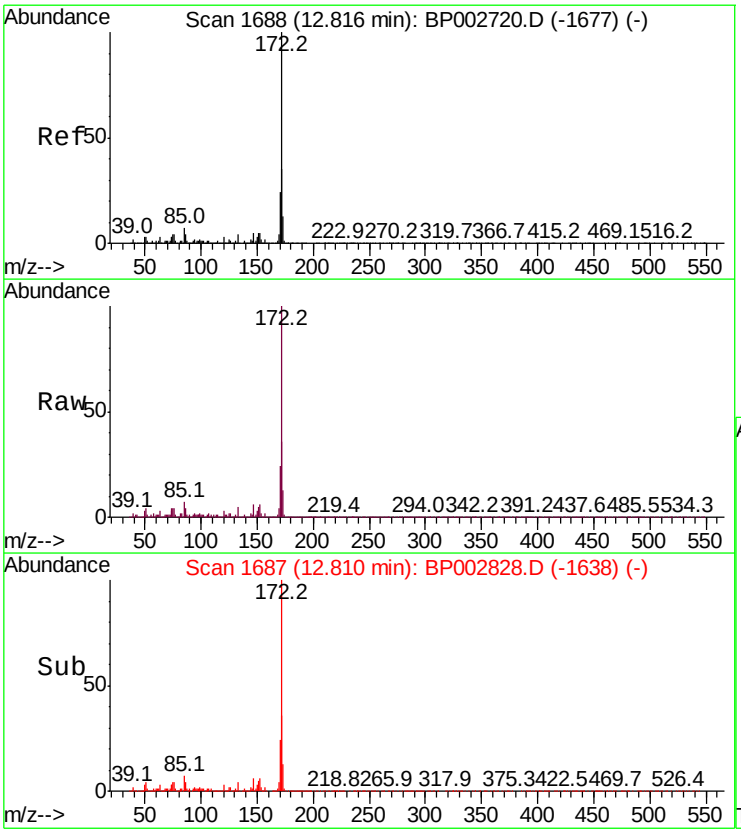
#42
2,4,6-Tribromophenol
Concen: 61.245 ng
RT: 15.70 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BP002828.D
Acq: 22 Jul 2020 16:58

Instrument :
BNA_P
ClientSampleId :
81-83

Tgt Ion:330 Resp: 232625

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.5	114.7
141	33.1	28.8	43.2

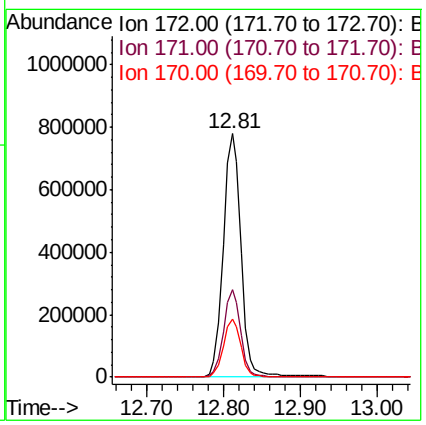


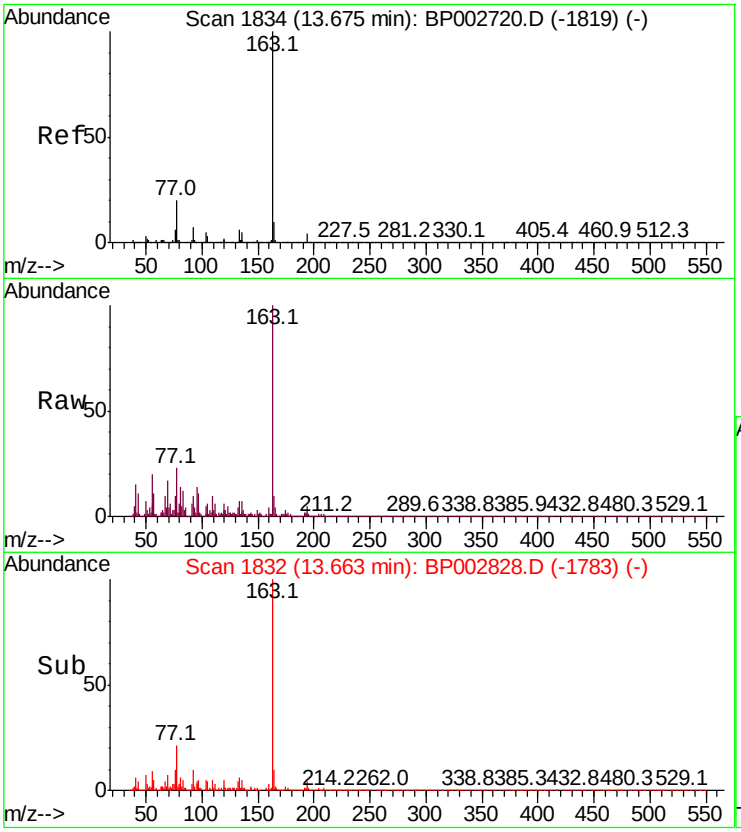


#45
2-Fluorobiphenyl
Concen: 53.400 ng
RT: 12.81 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BP002828.D
Acq: 22 Jul 2020 16:58

Tgt Ion:172 Resp: 1256057

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.1	42.1
170	24.1	19.3	28.9



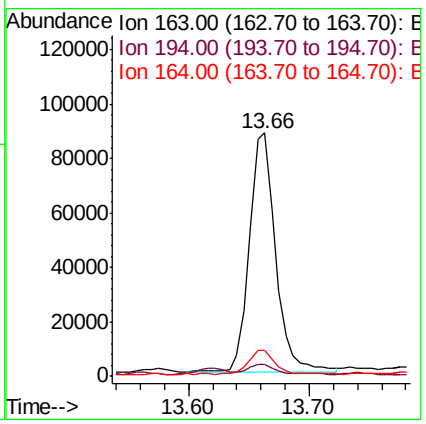


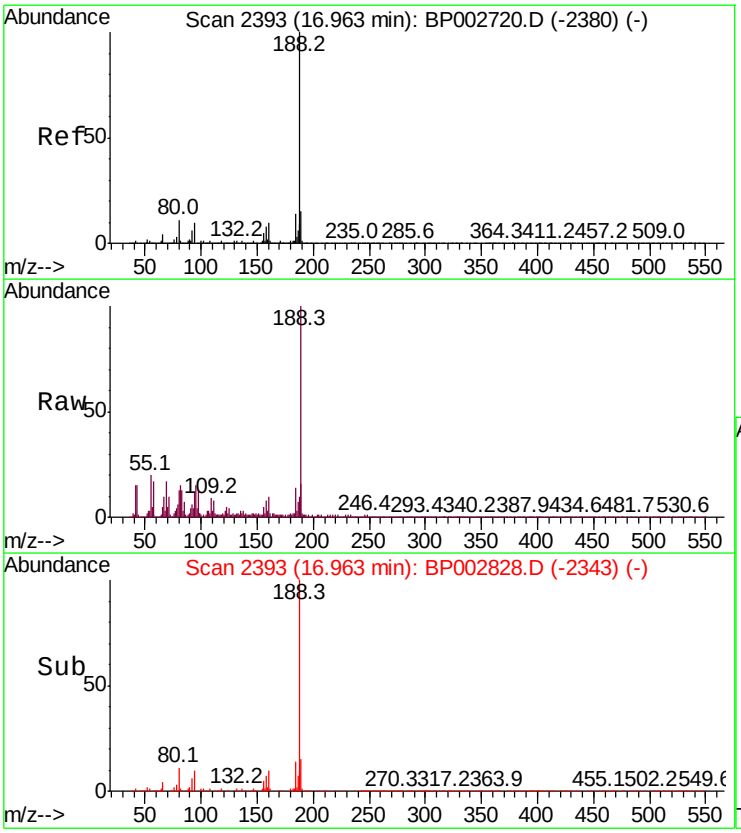
#50
Dimethylphthalate
Concen: 4.828 ng
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BP002828.D
Acq: 22 Jul 2020 16:58

Instrument :
BNA_P
ClientSampleId :
81-83

Tgt Ion:163 Resp: 133980

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	10.5	7.8	11.8

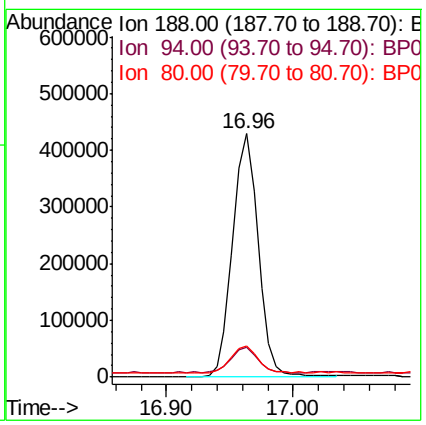


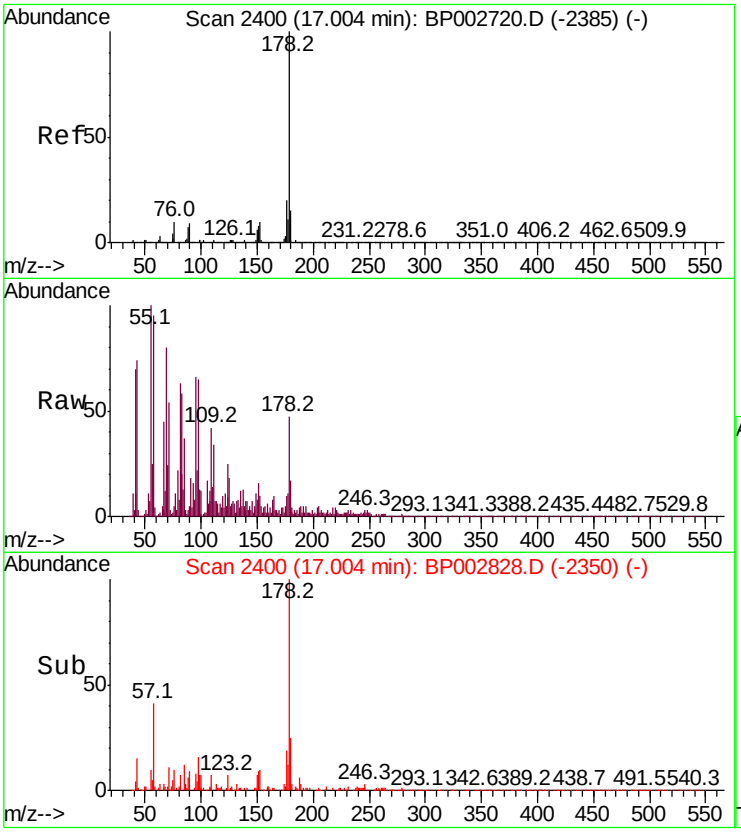


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BP002828.D
Acq: 22 Jul 2020 16:58

Tgt Ion:188 Resp: 596672

Ion	Ratio	Lower	Upper
188	100		
94	12.0	8.1	12.1
80	12.8	8.9	13.3



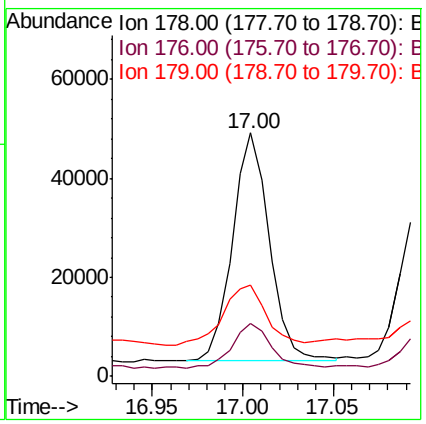


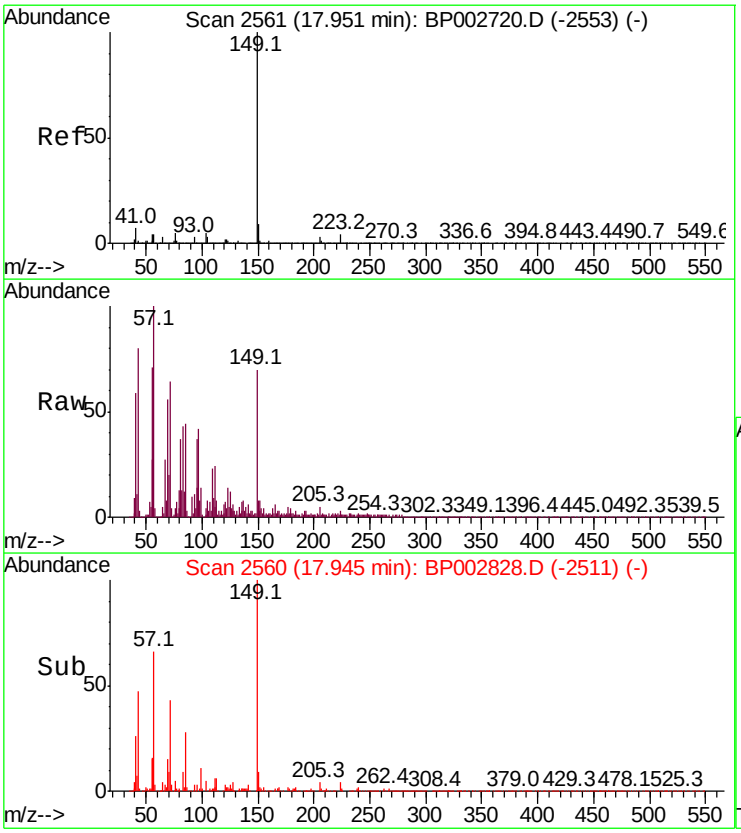
#71
Phenanthrene
Concen: 2.013 ng
RT: 17.00 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BP002828.D
Acq: 22 Jul 2020 16:58

Instrument :
BNA_P
ClientSampleId :
81-83

Tgt Ion:178 Resp: 65048

Ion	Ratio	Lower	Upper
178	100		
176	21.5	15.9	23.9
179	37.3	12.3	18.5#

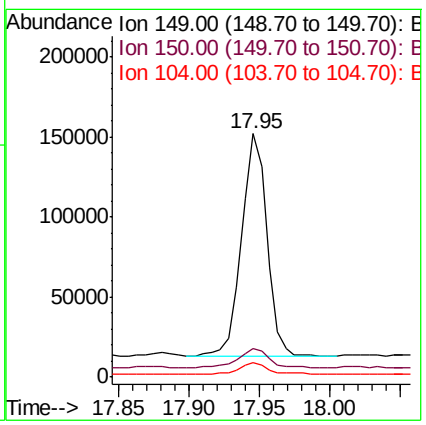


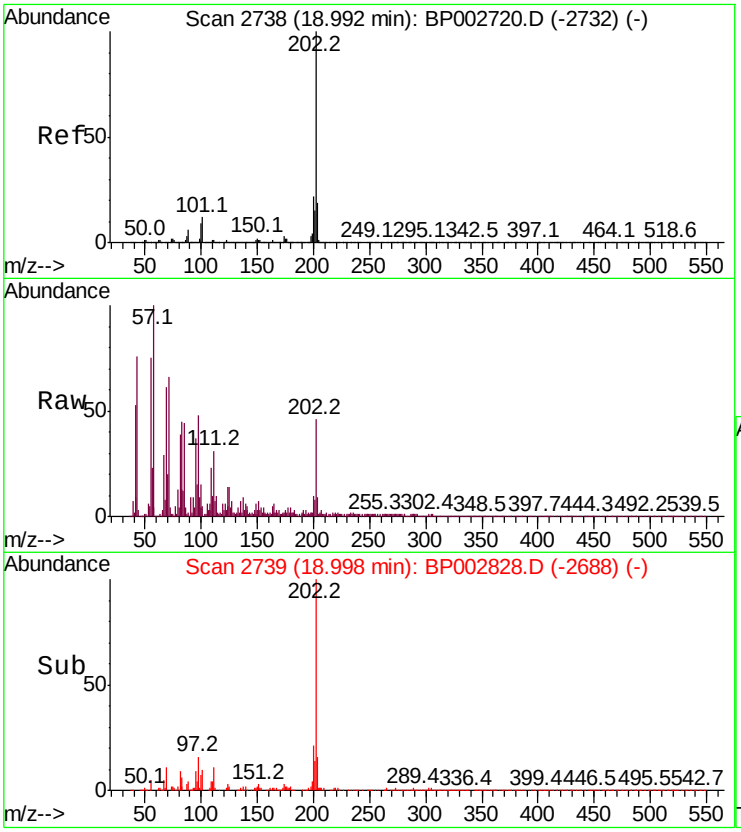


#74
Di-n-butylphthalate
Concen: 5.234 ng
RT: 17.95 min Scan# 2560
Delta R.T. -0.01 min
Lab File: BP002828.D
Acq: 22 Jul 2020 16:58

Tgt Ion:149 Resp: 176600

Ion	Ratio	Lower	Upper
149	100		
150	11.9	7.5	11.3#
104	5.9	4.0	6.0



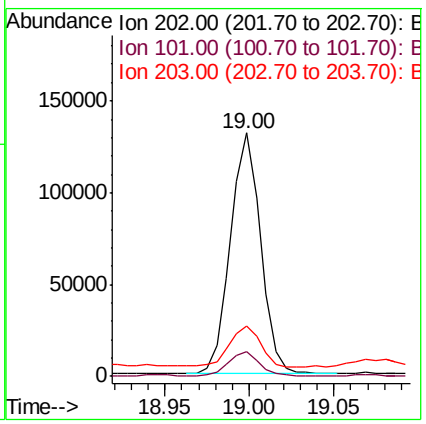


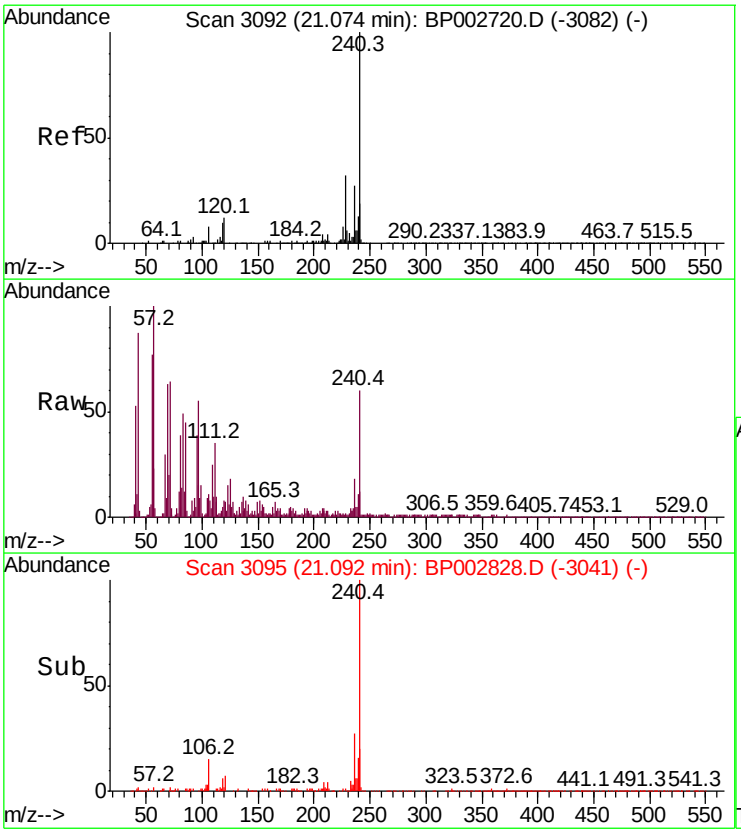
#75
Fluoranthene
Concen: 4.364 ng
RT: 19.00 min Scan# 2739
Delta R.T. 0.00 min
Lab File: BP002828.D
Acq: 22 Jul 2020 16:58

Instrument :
BNA_P
ClientSampleId :
81-83

Tgt Ion:202 Resp: 163369

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	32.5
203	20.4	0.0	38.6

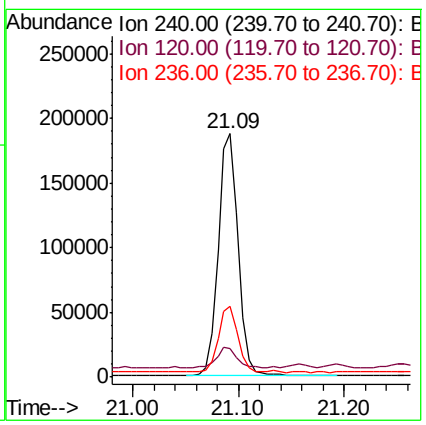


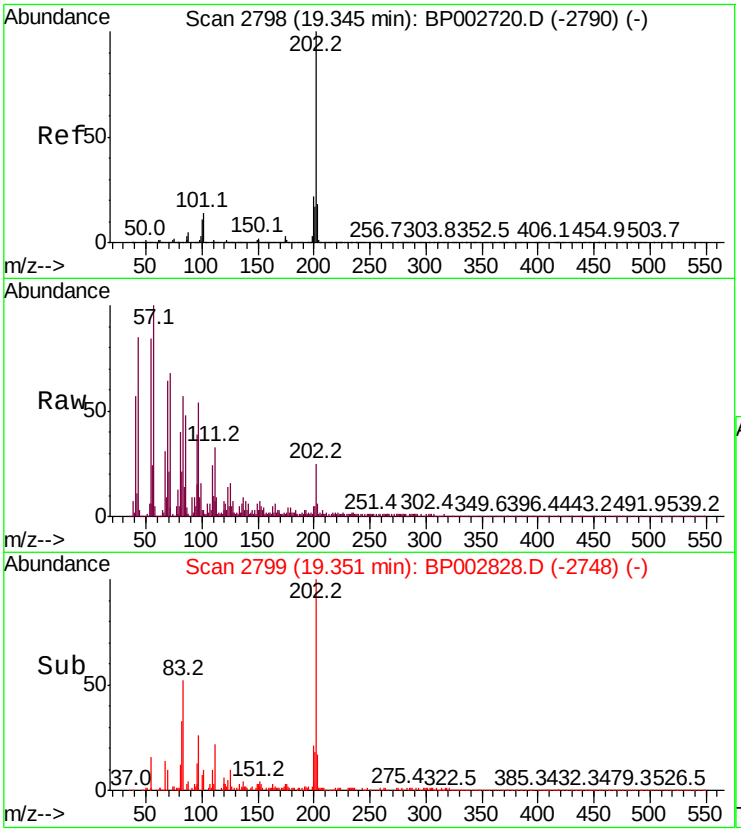


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3095
Delta R.T. 0.02 min
Lab File: BP002828.D
Acq: 22 Jul 2020 16:58

Tgt Ion:240 Resp: 244758

Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.4	14.2
236	29.3	21.3	31.9



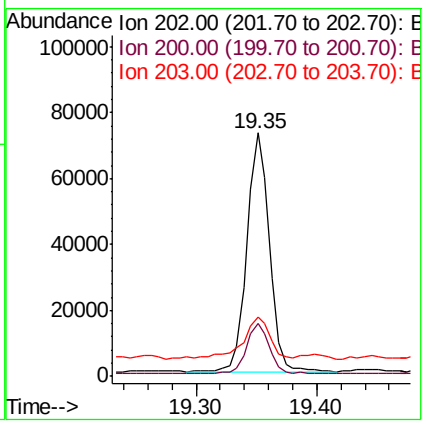


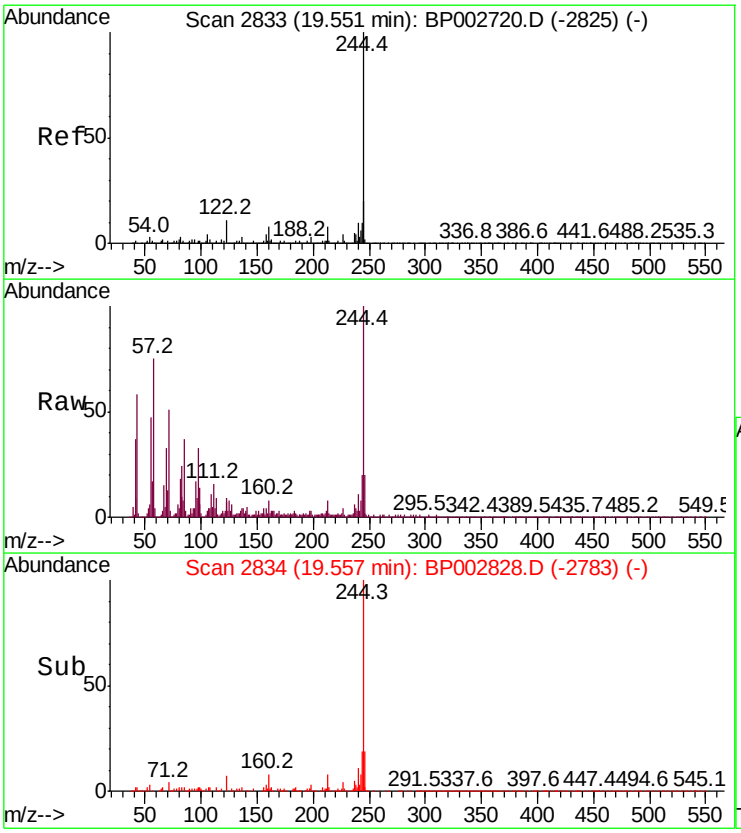
#78
Pyrene
Concen: 5.588 ng
RT: 19.35 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BP002828.D
Acq: 22 Jul 2020 16:58

Instrument :
BNA_P
ClientSampleId :
81-83

Tgt Ion:202 Resp: 94432

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.7	26.5
203	24.5	14.5	21.7#

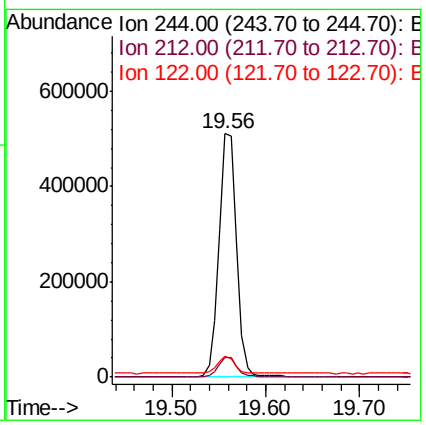


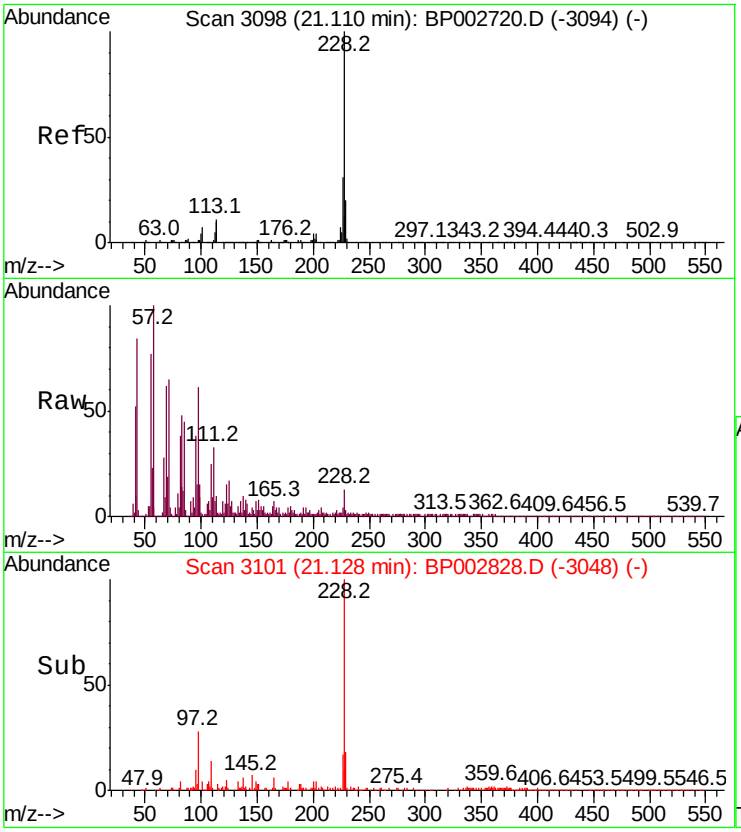


#79
Terphenyl-d14
Concen: 62.361 ng
RT: 19.56 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BP002828.D
Acq: 22 Jul 2020 16:58

Tgt Ion:244 Resp: 665731

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	8.8	8.9	13.3#



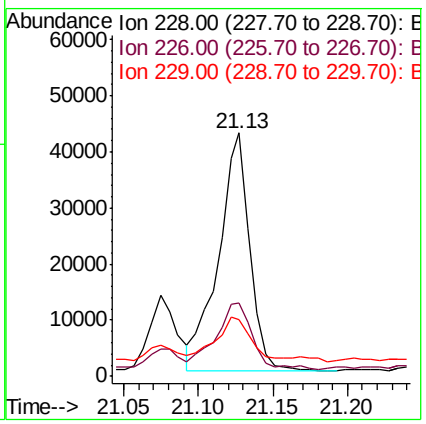


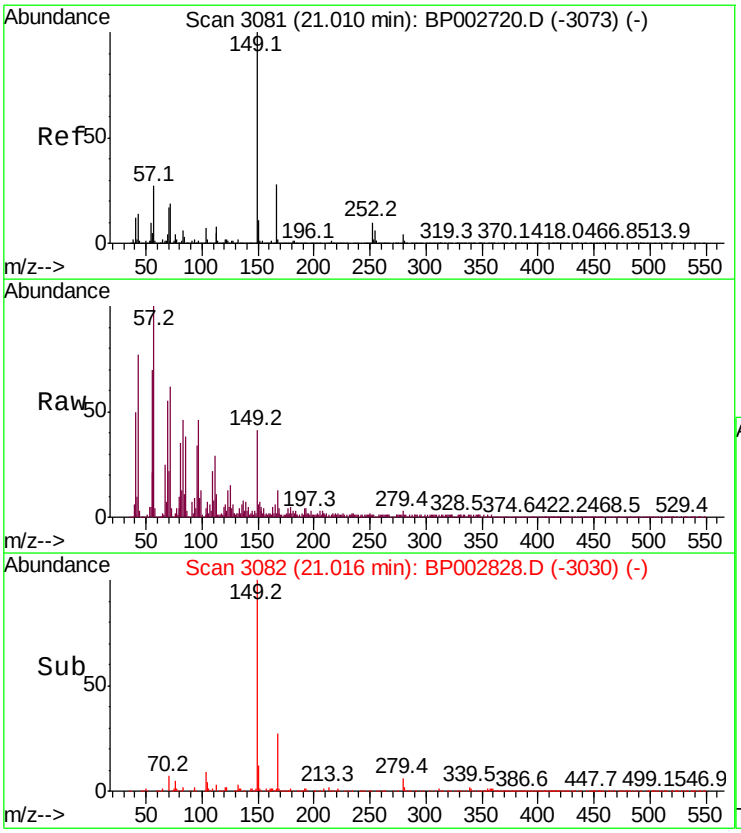
#83
Chrysene
Concen: 4.109 ng
RT: 21.13 min Scan# 3101
Delta R.T. 0.01 min
Lab File: BP002828.D
Acq: 22 Jul 2020 16:58

Instrument :
BNA_P
ClientSampleId :
81-83

Tgt Ion:228 Resp: 61967

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.6	37.0
229	23.2	15.7	23.5

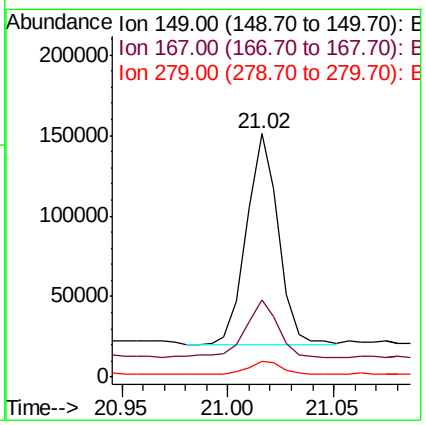


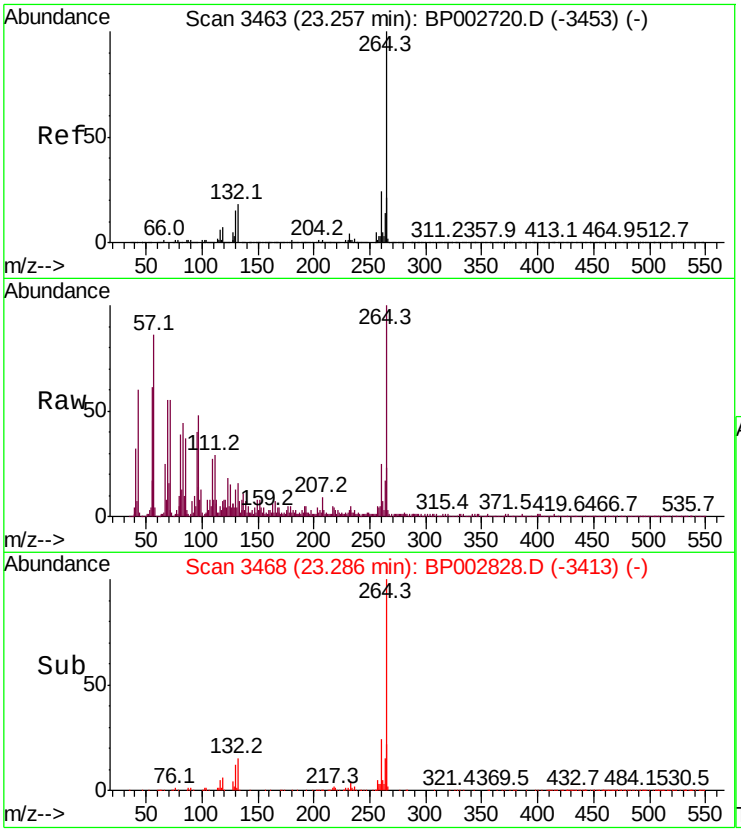


#84
Bis(2-ethylhexyl)phthalate
Concen: 14.886 ng
RT: 21.02 min Scan# 3082
Delta R.T. 0.01 min
Lab File: BP002828.D
Acq: 22 Jul 2020 16:58

Tgt Ion:149 Resp: 138069

Ion	Ratio	Lower	Upper
149	100		
167	31.8	22.4	33.6
279	6.5	3.5	5.3#



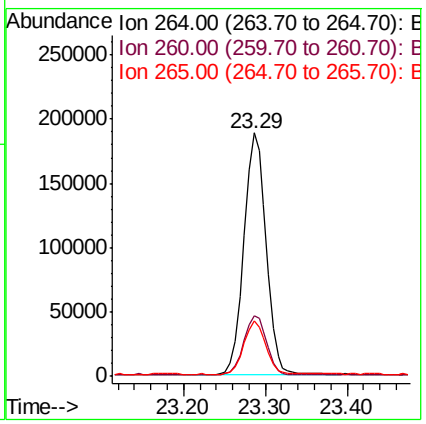


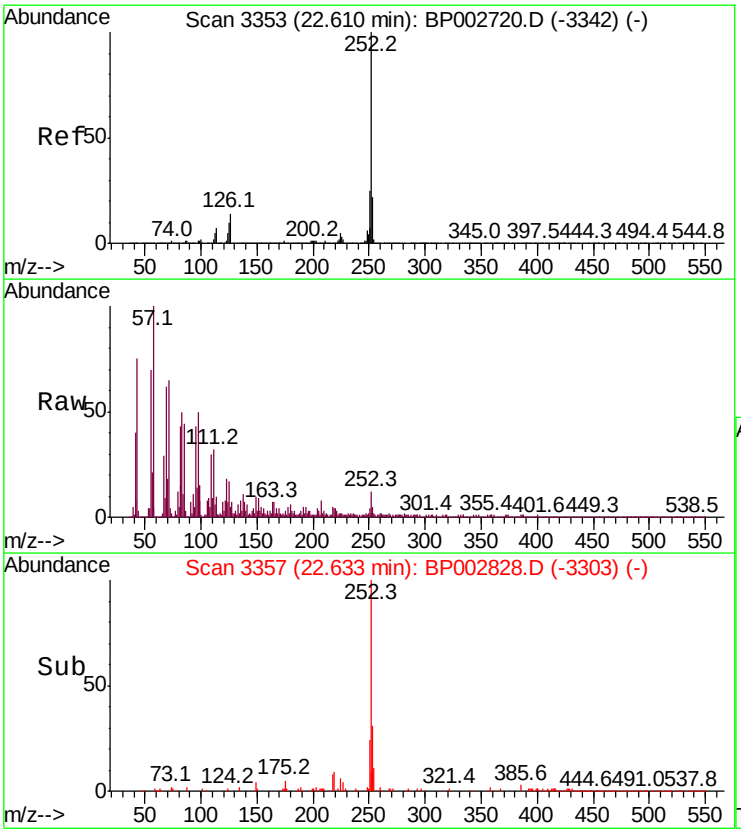
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. 0.02 min
Lab File: BP002828.D
Acq: 22 Jul 2020 16:58

Instrument :
BNA_P
ClientSampleId :
81-83

Tgt Ion:264 Resp: 354280

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.3	28.9
265	22.9	16.8	25.2





#88
Benzo(b)fluoranthene
Concen: 2.426 ng
RT: 22.63 min Scan# 3357
Delta R.T. 0.02 min
Lab File: BP002828.D
Acq: 22 Jul 2020 16:58

Tgt Ion:252 Resp: 53361

Ion	Ratio	Lower	Upper
252	100		
253	44.2	17.7	26.5#
125	150.1	8.2	12.2#