Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
Data File : BP003465.D
Acq On : 02 Oct 2020 18:05
Operator : CG/JU
Sample : L4195-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RBR-251673

Quant Time: Oct 02 18:52:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 02 11:17:24 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.528	152	118741	20.00	ng		0.00
21) Naphthalene-d8	10.305	136	483822	20.00	ng	#	0.00
39) Acenaphthene-d10	14.187	164	291393	20.00	ng		0.00
64) Phenanthrene-d10	16.945	188	618153	20.00	ng	#	0.00
76) Chrysene-d12	21.051	240	675180	20.00	ng		0.00
86) Perylene-d12	23.233	264	649267	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.140	112	650477	95.66	ng		0.00
7) Phenol-d6	6.734	99	791339	87.30	ng		0.00
23) Nitrobenzene-d5	8.681	82	564391	68.53	ng		0.00
42) 2,4,6-Tribromophenol	15.693	330	285796	64.30	ng		0.00
45) 2-Fluorobiphenyl	12.799	172	970286	48.70	ng		0.00
79) Terphenyl-d14	19.528	244	1147335	35.41	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	13.651	163	149021	6.40	ng		99
75) Fluoranthene	18.975	202	116131	2.75	ng		98
78) Pyrene	19.328	202	118573	2.82	ng		99
88) Benzo(b)fluoranthene	22.586	252	84869	2.07	ng	#	97

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

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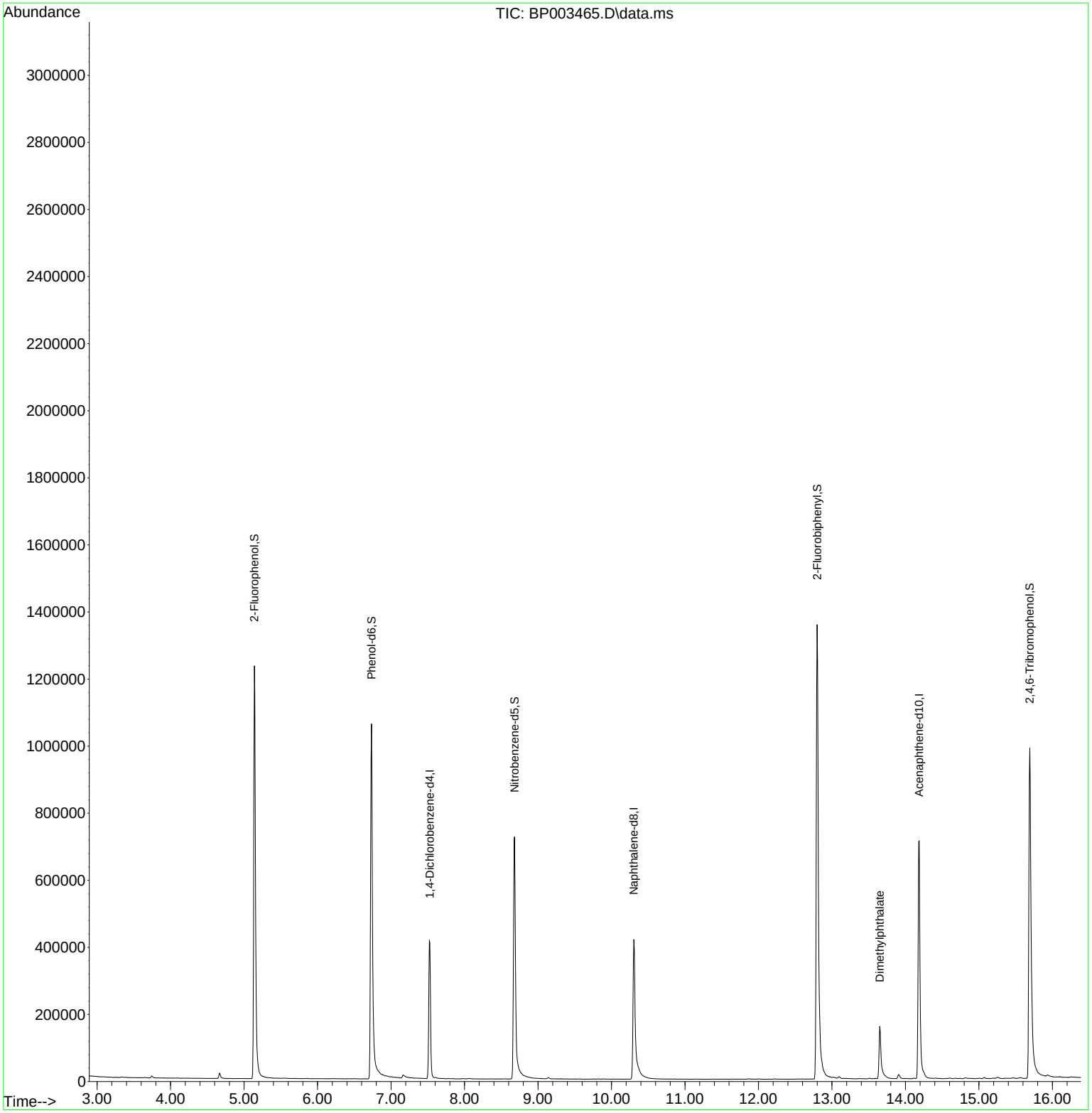

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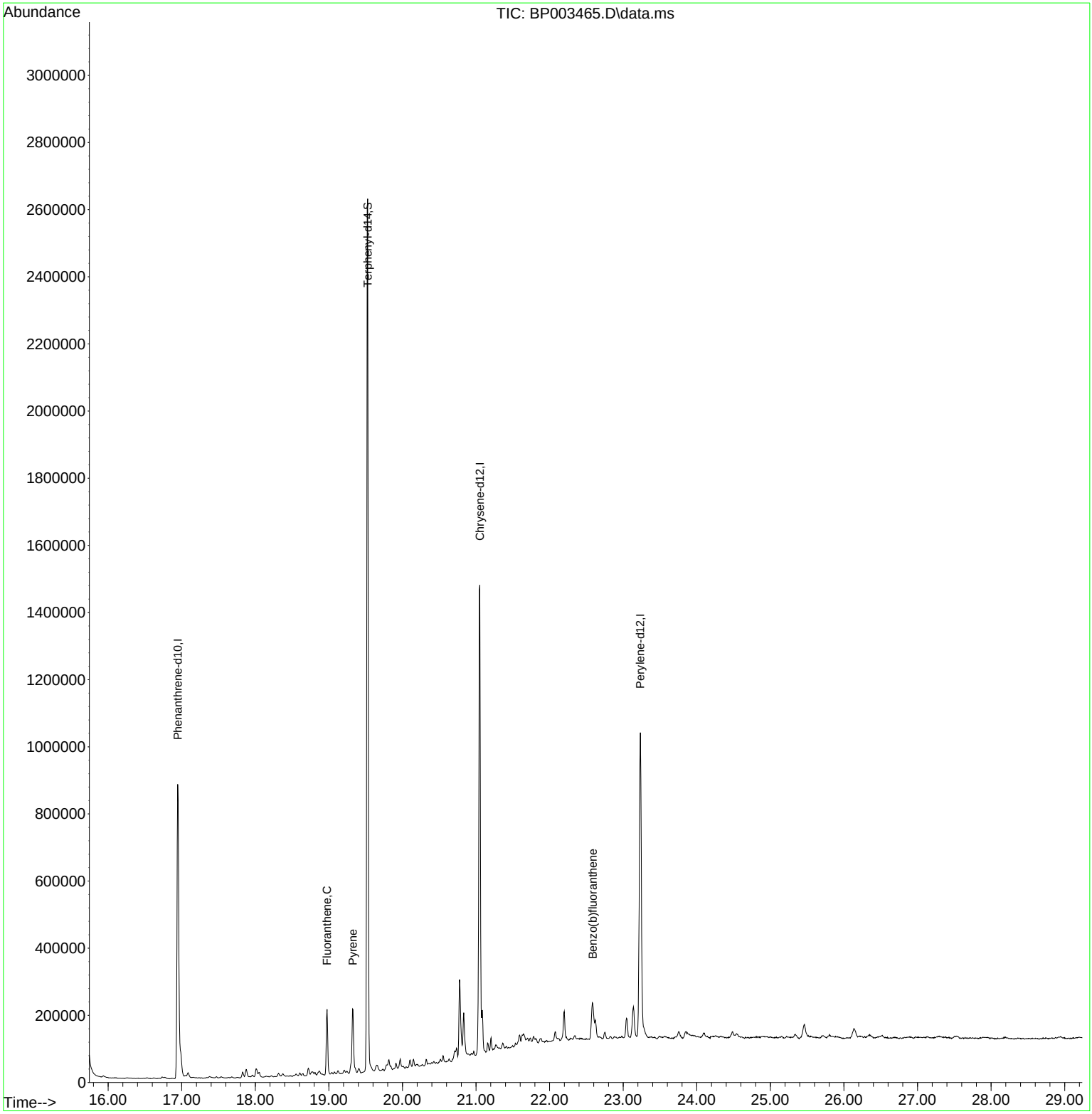

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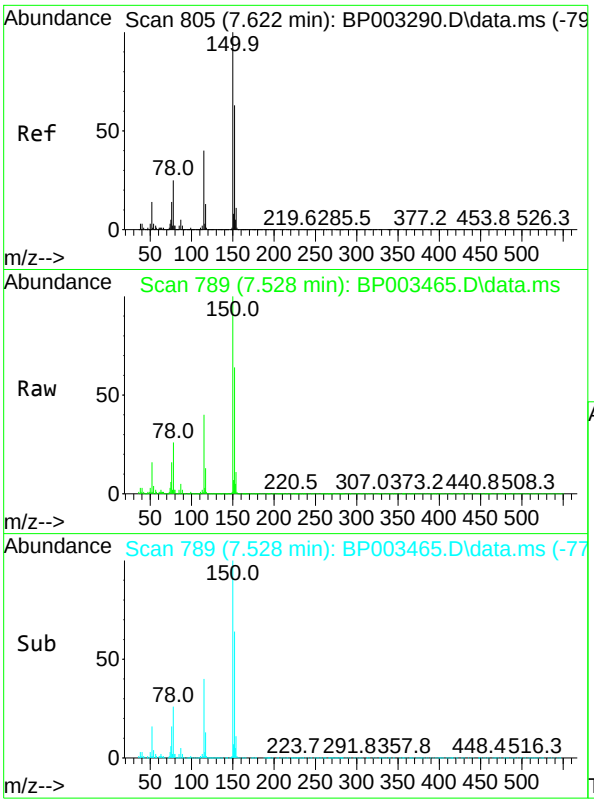
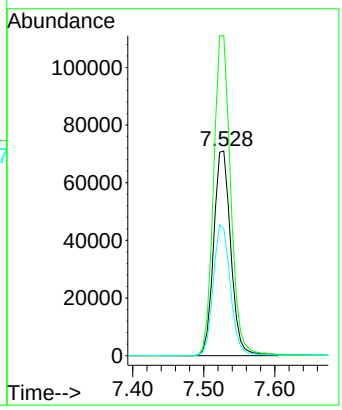
BNA_P
ClientSampleId :
RBR-251673

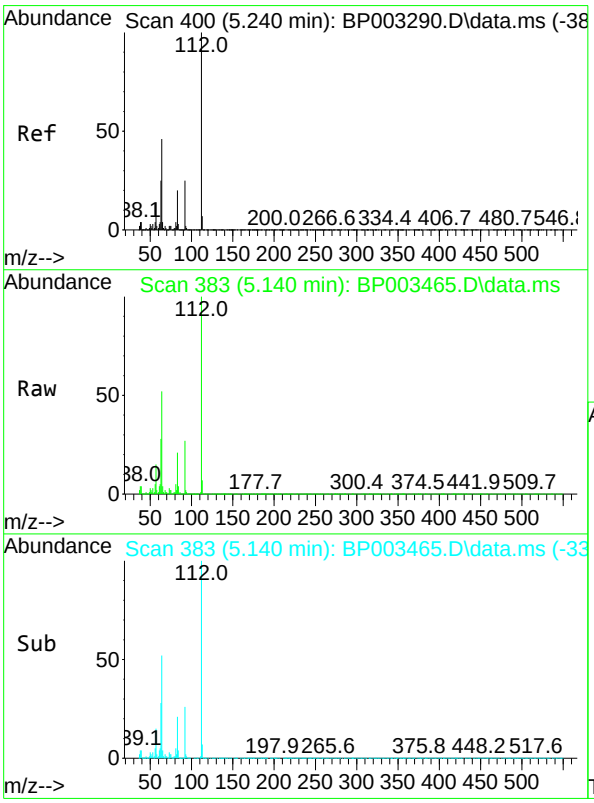


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.528 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP003465.D
Acq: 02 Oct 2020 18:05

Tgt Ion:152 Resp: 118741

Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.8	185.6
115	61.9	43.8	65.6

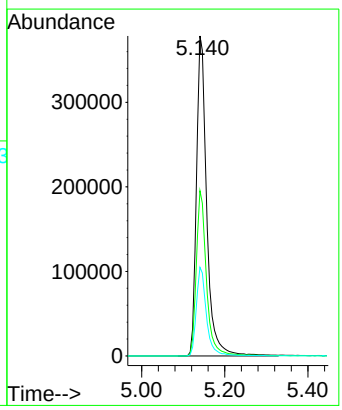




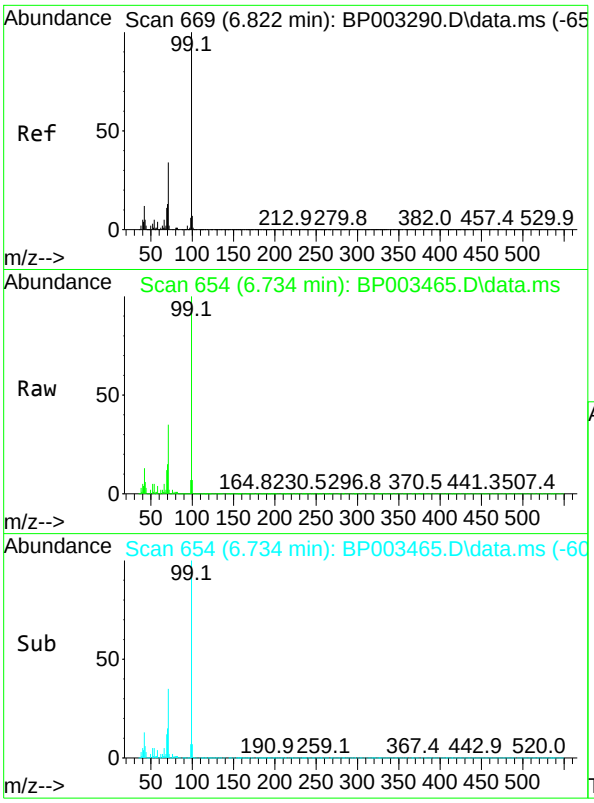
#5
2-Fluorophenol
Concen: 95.66 ng
RT: 5.140 min Scan# 383
Delta R.T. 0.000 min
Lab File: BP003465.D
Acq: 02 Oct 2020 18:05

Tgt Ion:112 Resp: 650477

Ion	Ratio	Lower	Upper
112	100		
64	51.7	32.8	49.2#
63	27.7	17.0	25.4#



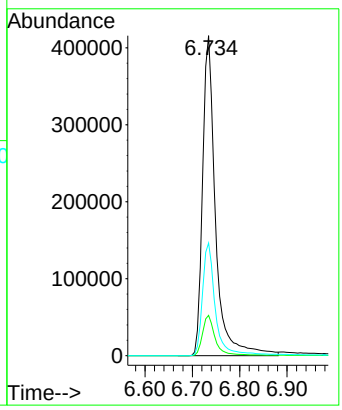
Instrument :
BNA_P
ClientSampleId :
RBR-251673

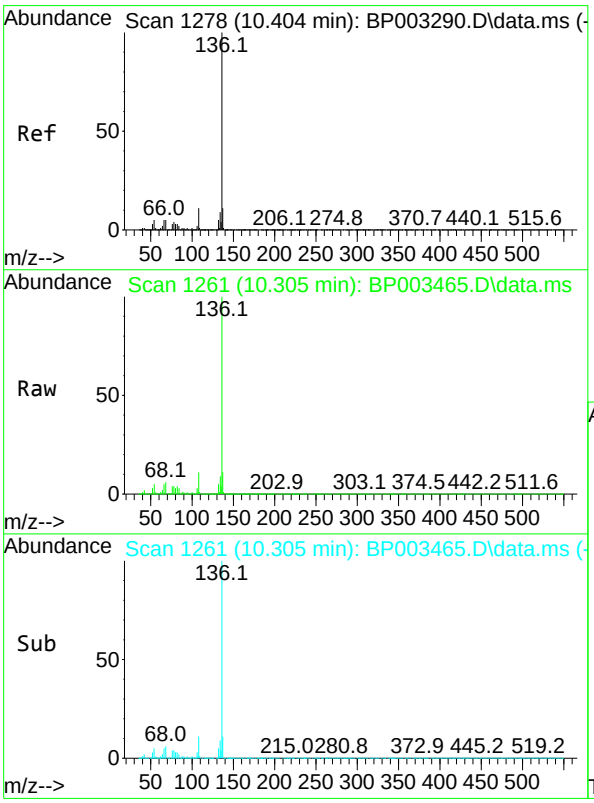


#7
Phenol-d6
Concen: 87.30 ng
RT: 6.734 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP003465.D
Acq: 02 Oct 2020 18:05

Tgt Ion: 99 Resp: 791339

Ion	Ratio	Lower	Upper
99	100		
42	12.6	8.6	13.0
71	35.2	23.4	35.2#

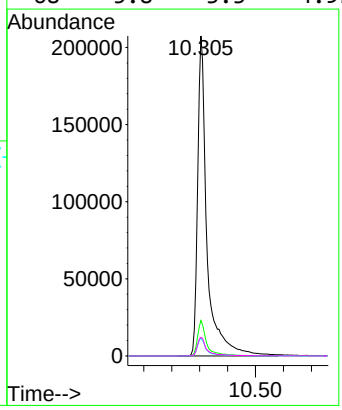


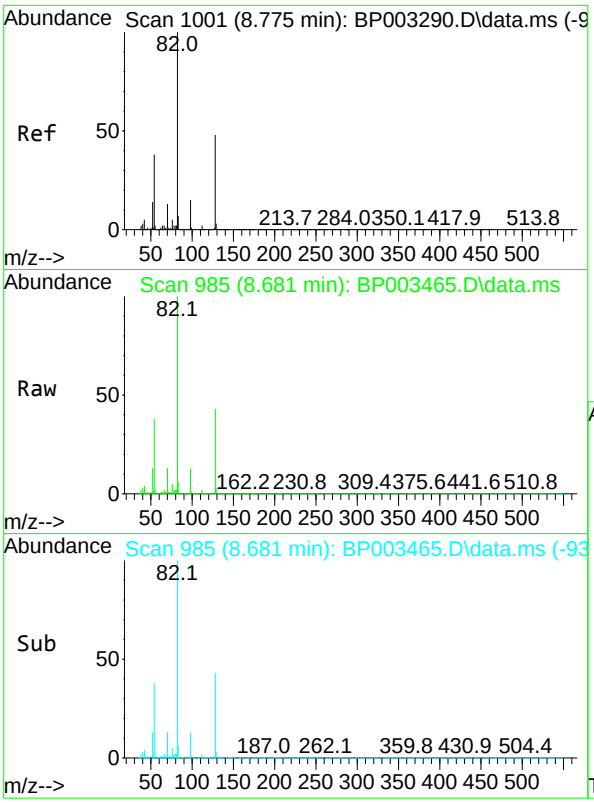


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.305 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BP003465.D
Acq: 02 Oct 2020 18:05

Tgt Ion:136 Resp: 483822

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.5	3.6	5.4#
68	5.8	3.3	4.9#

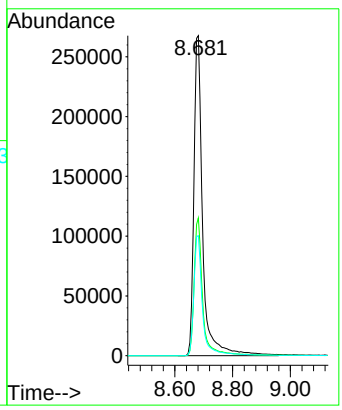




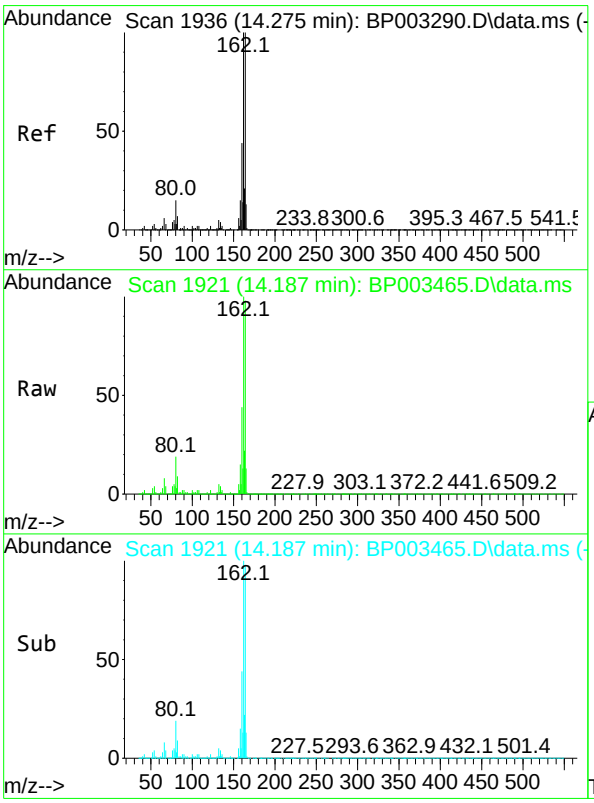
#23
Nitrobenzene-d5
Concen: 68.53 ng
RT: 8.681 min Scan# 985
Delta R.T. 0.000 min
Lab File: BP003465.D
Acq: 02 Oct 2020 18:05

Tgt Ion: 82 Resp: 564391

Ion	Ratio	Lower	Upper
82	100		
128	43.0	45.6	68.4#
54	37.5	30.1	45.1



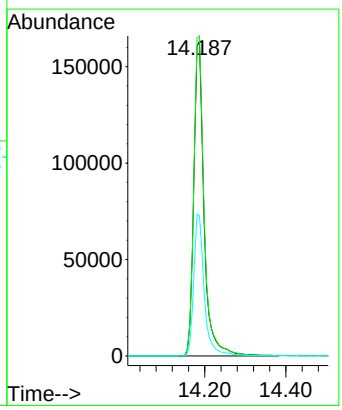
Instrument :
BNA_P
ClientSampleId :
RBR-251673



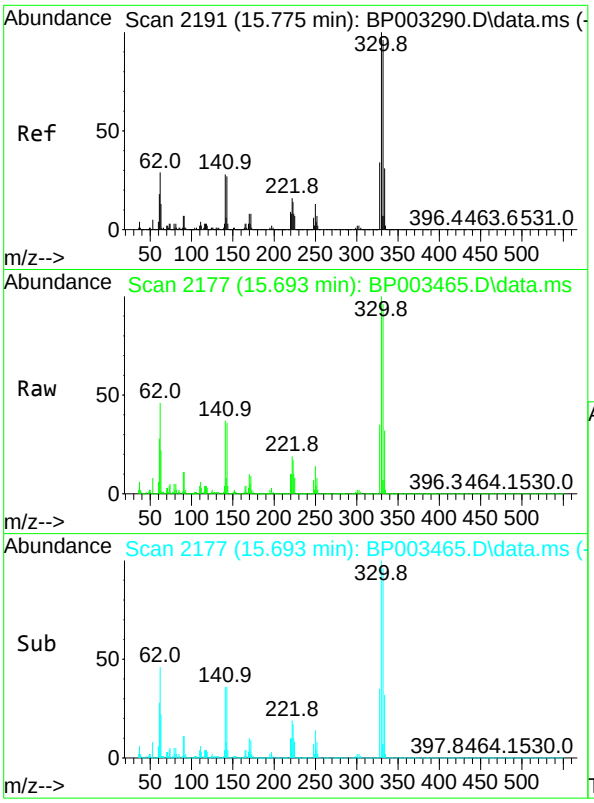
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.187 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BP003465.D
Acq: 02 Oct 2020 18:05

Tgt Ion:164 Resp: 291393

Ion	Ratio	Lower	Upper
164	100		
162	102.1	79.4	119.2
160	44.7	36.1	54.1



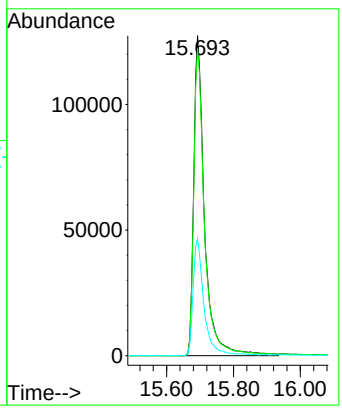
Instrument :
BNA_P
ClientSampleId :
RBR-251673

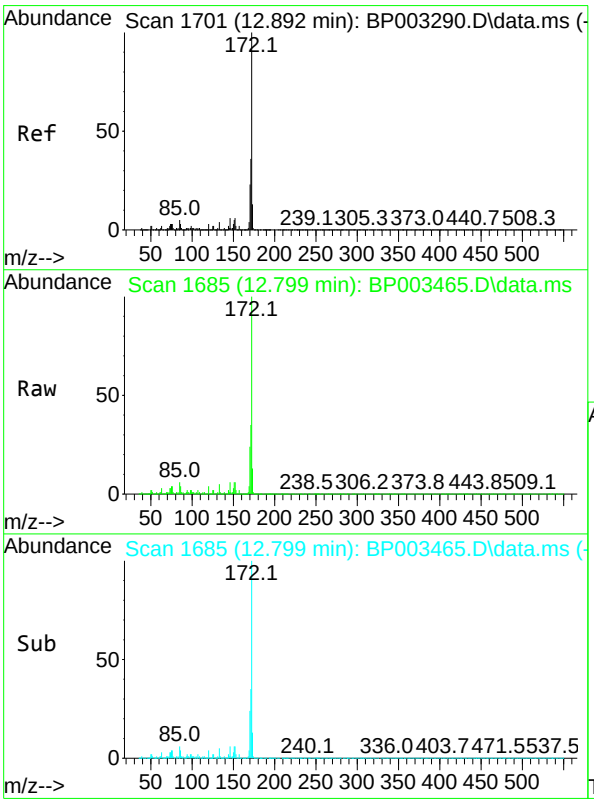


#42
2,4,6-Tribromophenol
Concen: 64.30 ng
RT: 15.693 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BP003465.D
Acq: 02 Oct 2020 18:05

Tgt Ion:330 Resp: 285796

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.1	115.7
141	36.3	23.4	35.2#

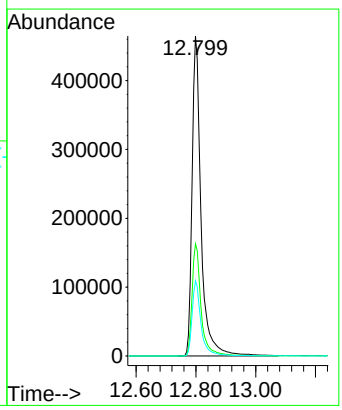




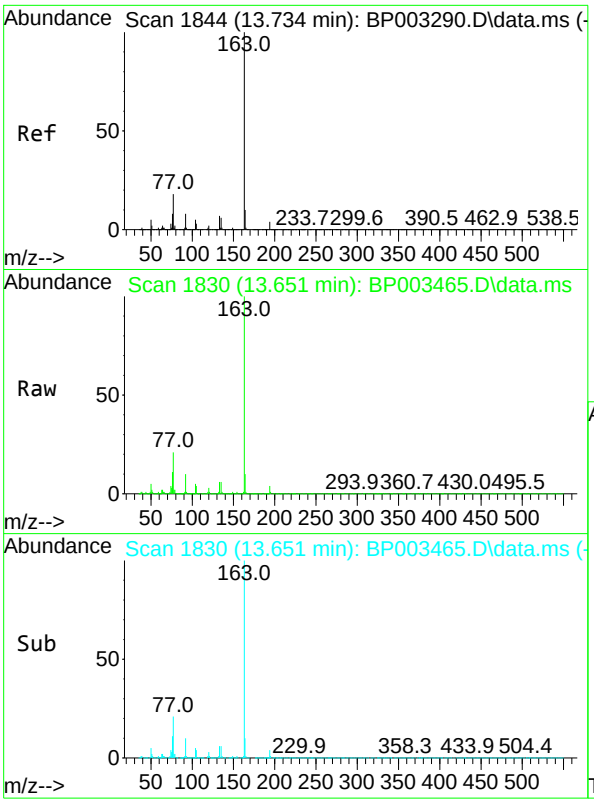
#45
2-Fluorobiphenyl
Concen: 48.70 ng
RT: 12.799 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BP003465.D
Acq: 02 Oct 2020 18:05

Tgt Ion:172 Resp: 970286

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.5	19.2	28.8



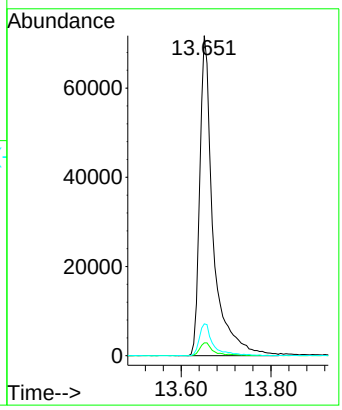
Instrument :
BNA_P
ClientSampleId :
RBR-251673

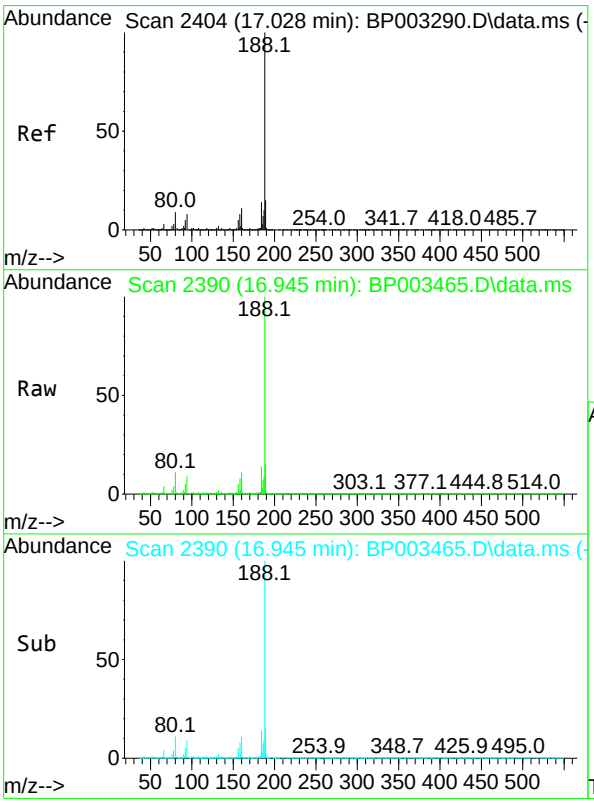


#50
Dimethylphthalate
Concen: 6.40 ng
RT: 13.651 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BP003465.D
Acq: 02 Oct 2020 18:05

Tgt Ion:163 Resp: 149021

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.0	8.2	12.2

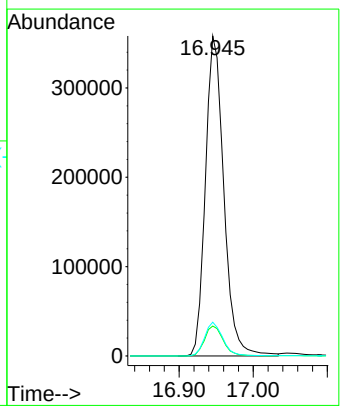




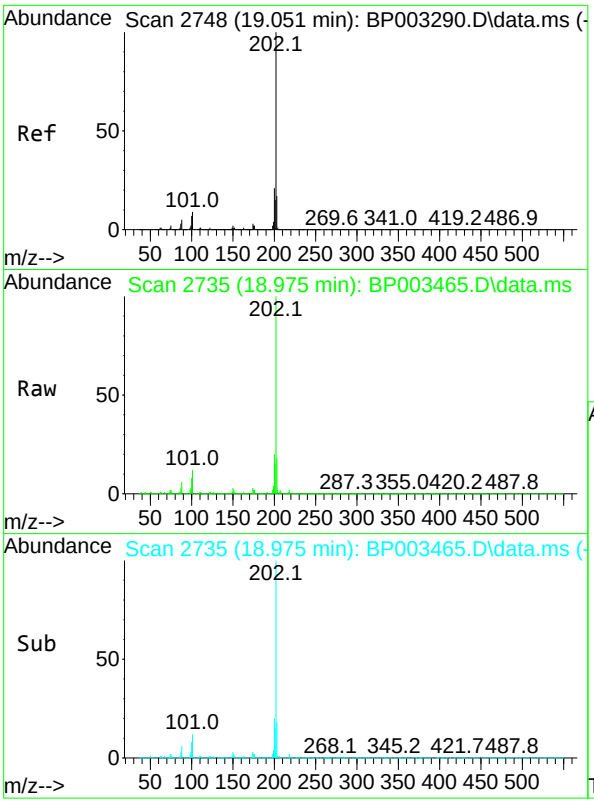
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.945 min Scan# 2390
Delta R.T. 0.006 min
Lab File: BP003465.D
Acq: 02 Oct 2020 18:05

Tgt Ion:188 Resp: 618153

Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.2	9.2#
80	10.5	6.2	9.2#



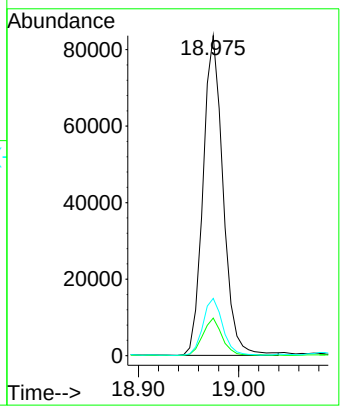
Instrument :
BNA_P
ClientSampleId :
RBR-251673

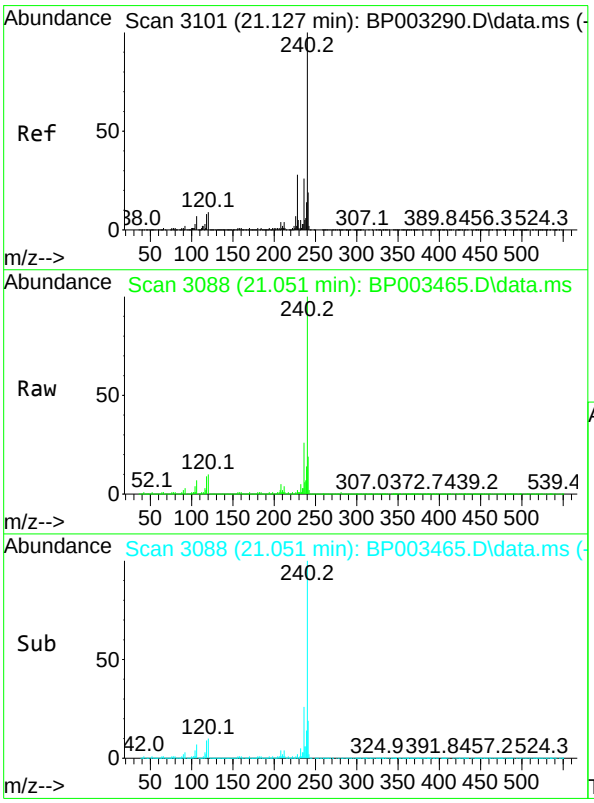


#75
Fluoranthene
Concen: 2.75 ng
RT: 18.975 min Scan# 2735
Delta R.T. 0.000 min
Lab File: BP003465.D
Acq: 02 Oct 2020 18:05

Tgt Ion:202 Resp: 116131

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	29.4
203	17.9	0.0	37.8

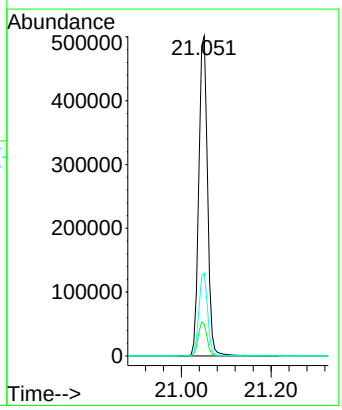


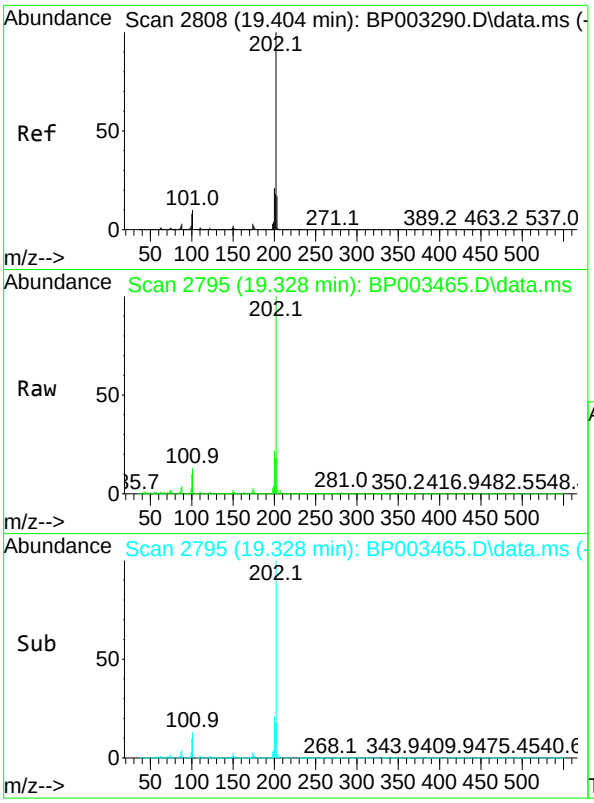


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.051 min Scan# 3088
Delta R.T. 0.000 min
Lab File: BP003465.D
Acq: 02 Oct 2020 18:05

Tgt Ion:240 Resp: 675180

Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.8	11.6
236	26.0	20.8	31.2

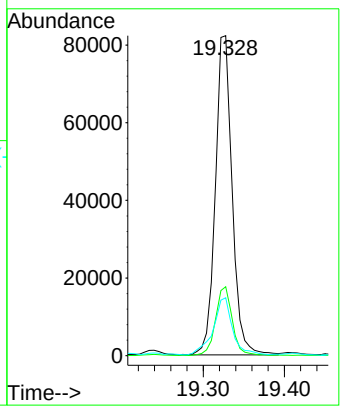




#78
Pyrene
Concen: 2.82 ng
RT: 19.328 min Scan# 2795
Delta R.T. 0.000 min
Lab File: BP003465.D
Acq: 02 Oct 2020 18:05

Tgt Ion:202 Resp: 118573

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.1	25.7
203	18.1	14.2	21.2



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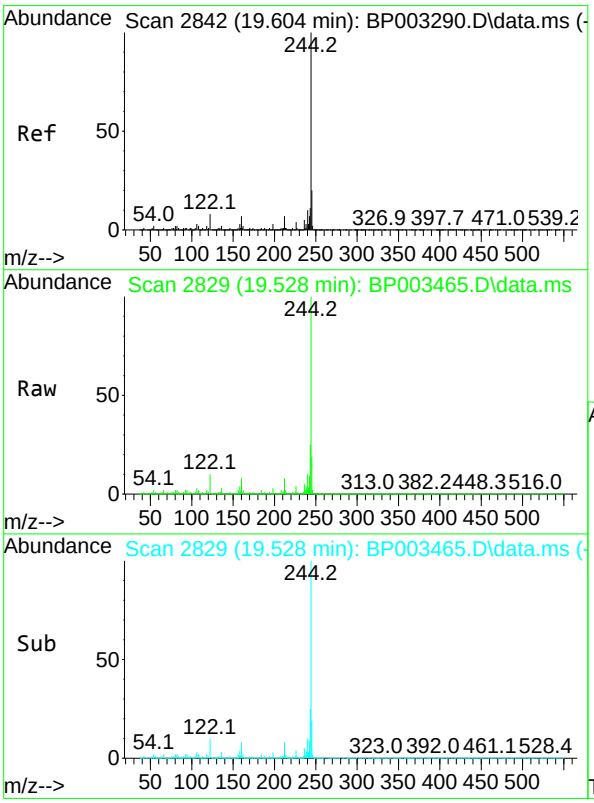
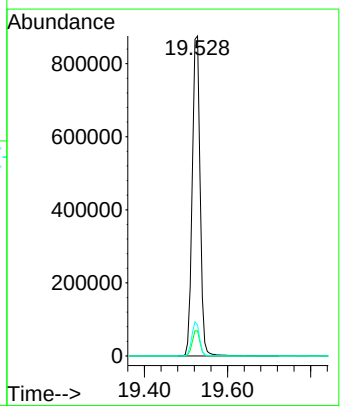


#79
Terphenyl-d14
Concen: 35.41 ng
RT: 19.528 min Scan# 2829
Delta R.T. 0.000 min
Lab File: BP003465.D
Acq: 02 Oct 2020 18:05

Tgt Ion:244 Resp: 1147335

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.6
122	9.6	7.8	11.8



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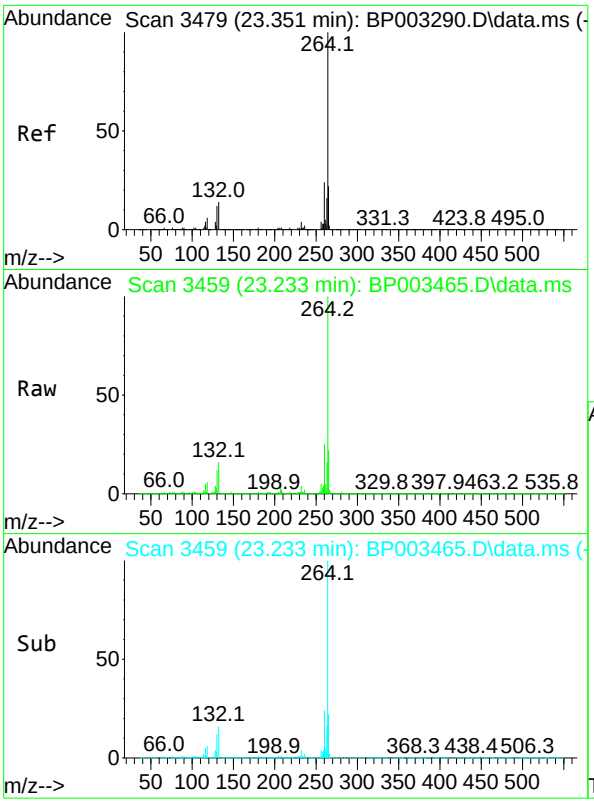
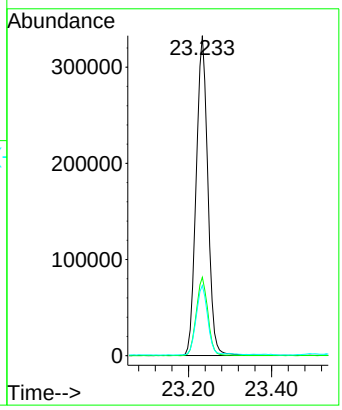
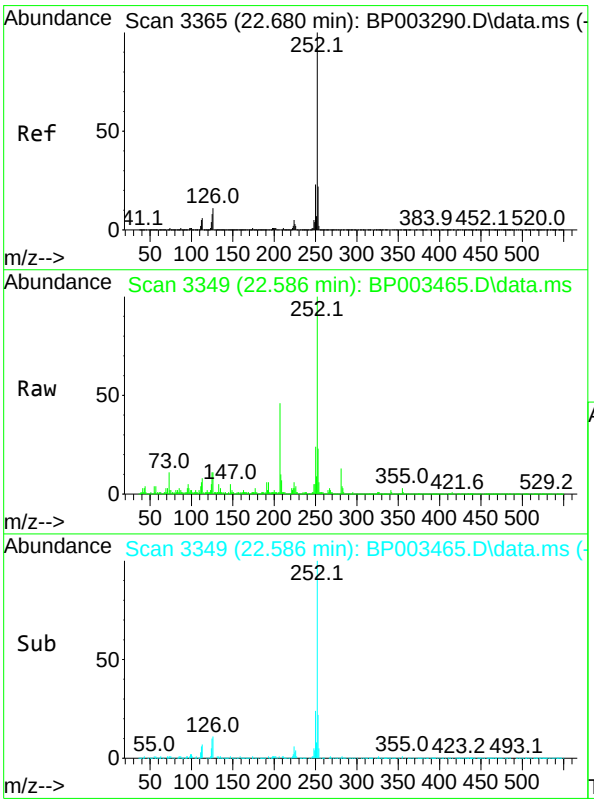


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.233 min Scan# 3459
Delta R.T. 0.000 min
Lab File: BP003465.D
Acq: 02 Oct 2020 18:05

Tgt Ion:264 Resp: 649267

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	22.0	17.4	26.2





#88
Benzo(b)fluoranthene
Concen: 2.07 ng
RT: 22.586 min Scan# 3349
Delta R.T. 0.006 min
Lab File: BP003465.D
Acq: 02 Oct 2020 18:05

Tgt Ion:252 Resp: 84869

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	11.2	7.3	10.9#