Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
Data File : BP003471.D
Acq On : 02 Oct 2020 21:30
Operator : CG/JU
Sample : L3872-16
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BU-03-093020

Quant Time: Oct 03 02:37:06 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	107841	20.00	ng	0.00
21) Naphthalene-d8	10.304	136	440121	20.00	ng	# 0.00
39) Acenaphthene-d10	14.187	164	269444	20.00	ng	0.00
64) Phenanthrene-d10	16.951	188	580291	20.00	ng	# 0.01
76) Chrysene-d12	21.051	240	651208	20.00	ng	0.00
86) Perylene-d12	23.239	264	625800	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.146	112	857701	138.88	ng	0.00
7) Phenol-d6	6.734	99	978382	118.85	ng	0.00
23) Nitrobenzene-d5	8.681	82	827509	110.46	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	468253	113.94	ng	0.00
45) 2-Fluorobiphenyl	12.798	172	1712485	92.95	ng	0.00
79) Terphenyl-d14	19.527	244	2493084	79.77	ng	0.00
Target Compounds						Qvalue

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

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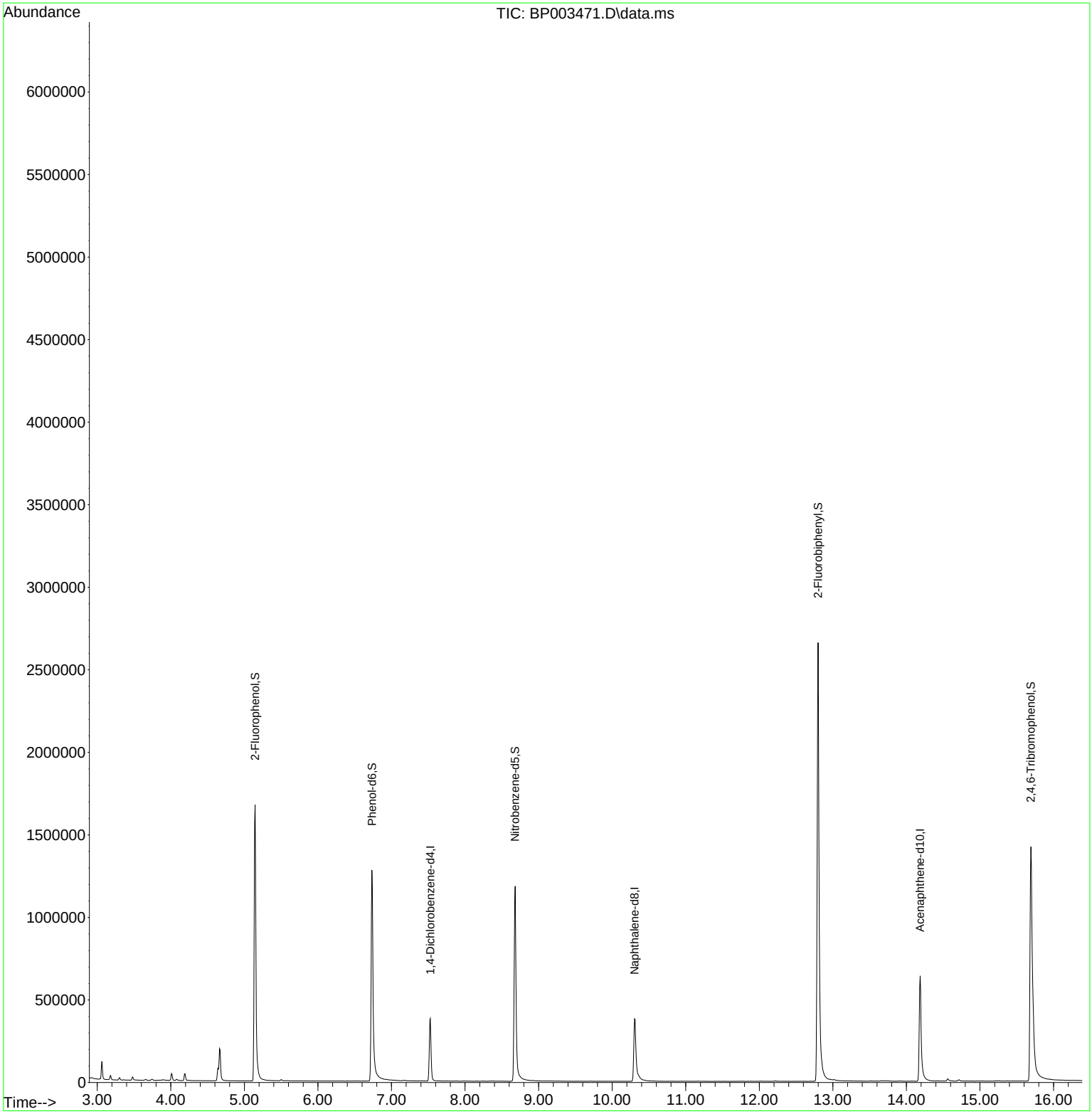

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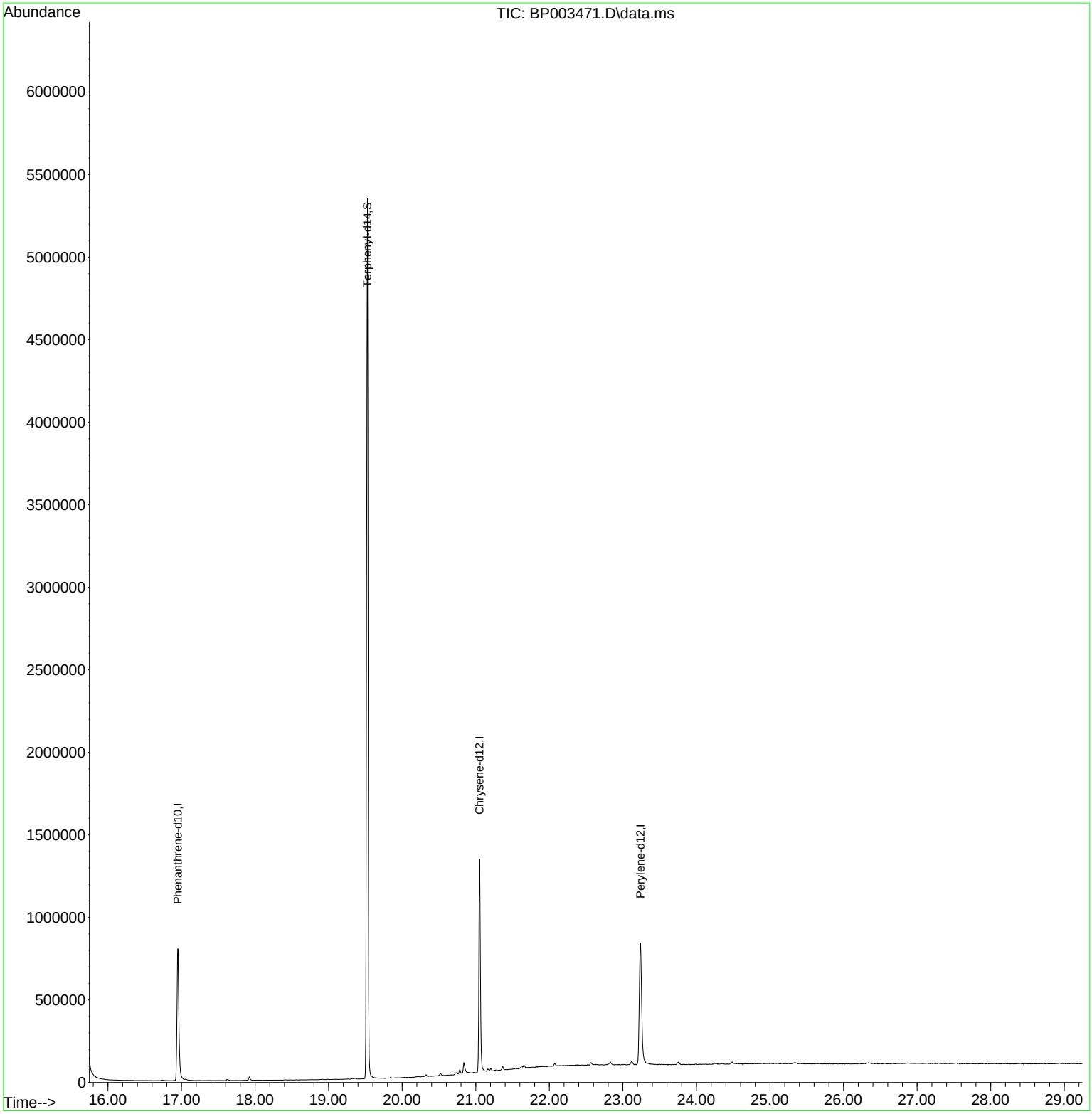
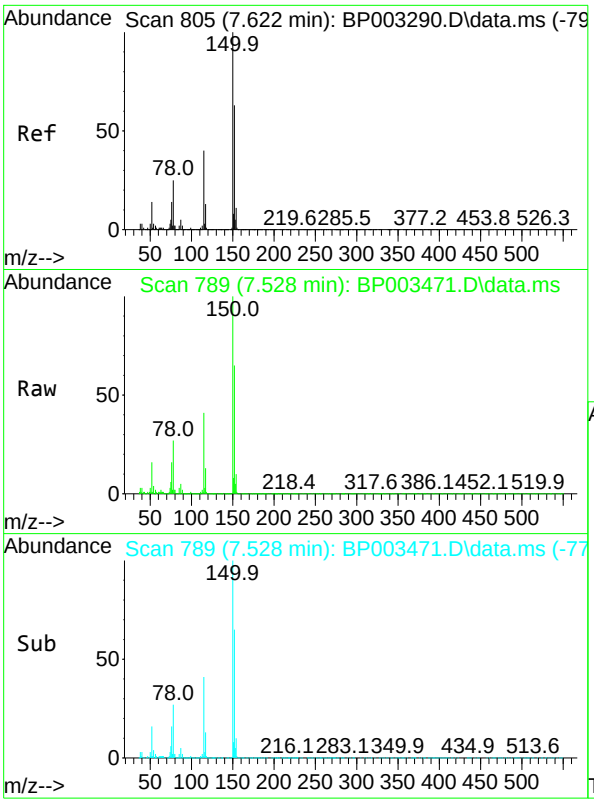


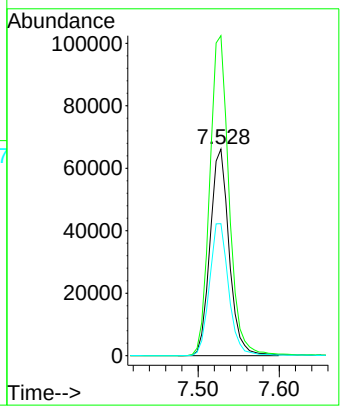
Instrument :
BNA_P
ClientSampleId :
BU-03-093020

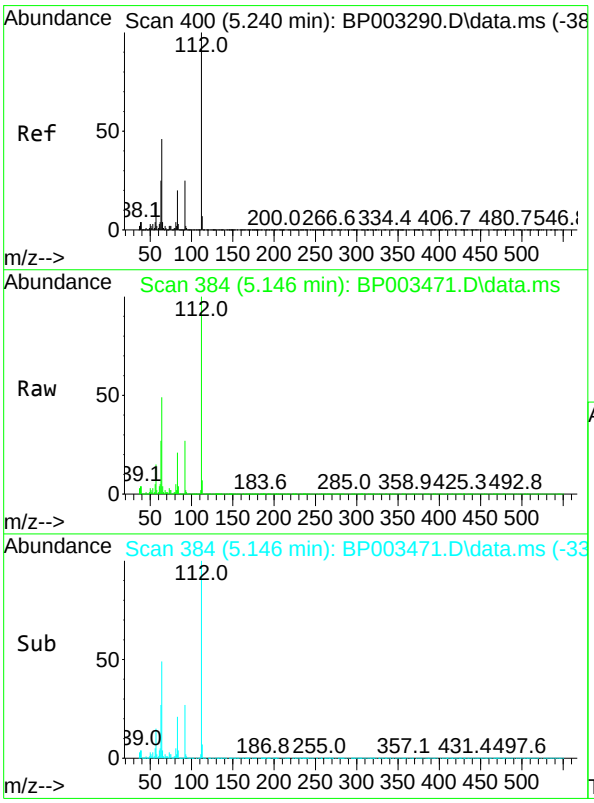


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.528 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP003471.D
Acq: 02 Oct 2020 21:30

Tgt Ion:152 Resp: 107841

Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.8	185.6
115	63.9	43.8	65.6

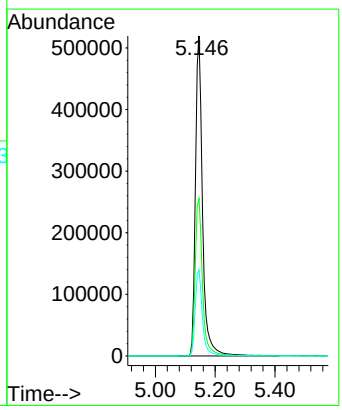




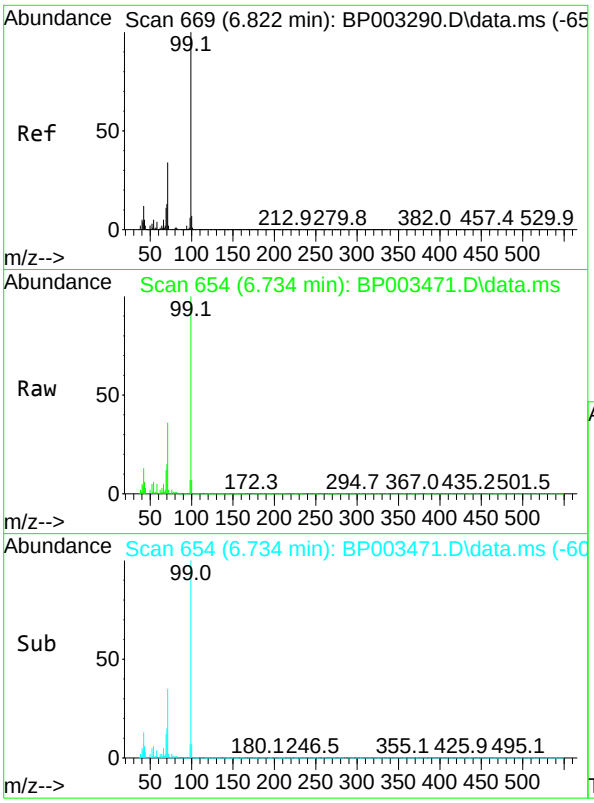
#5
2-Fluorophenol
Concen: 138.88 ng
RT: 5.146 min Scan# 384
Delta R.T. 0.006 min
Lab File: BP003471.D
Acq: 02 Oct 2020 21:30

Tgt Ion:112 Resp: 857701

Ion	Ratio	Lower	Upper
112	100		
64	49.2	32.8	49.2#
63	27.0	17.0	25.4#



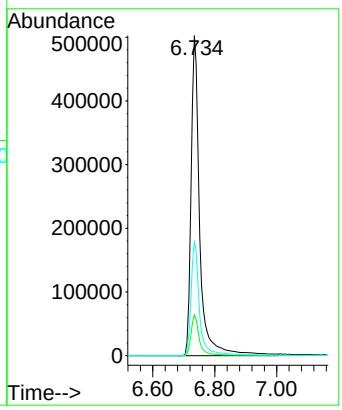
Instrument :
BNA_P
ClientSampleId :
BU-03-093020

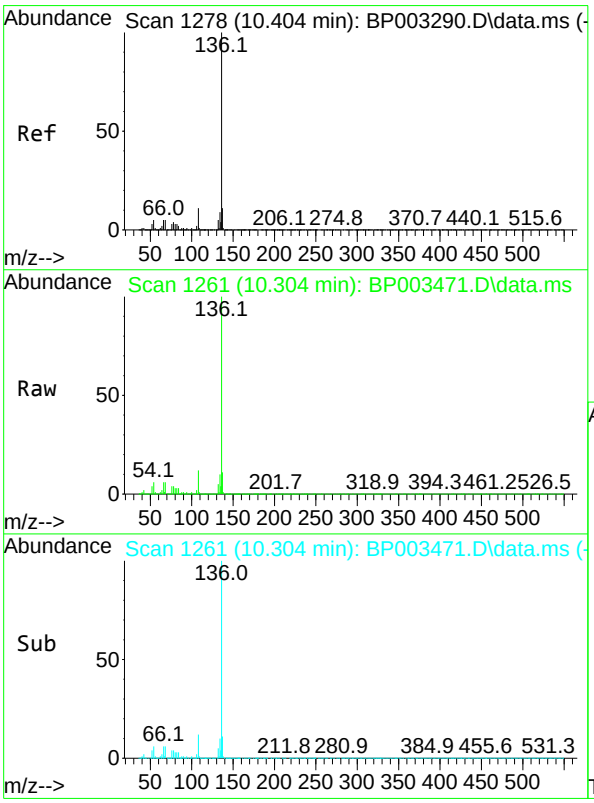


#7
Phenol-d6
Concen: 118.85 ng
RT: 6.734 min Scan# 654
Delta R.T. -0.000 min
Lab File: BP003471.D
Acq: 02 Oct 2020 21:30

Tgt Ion: 99 Resp: 978382

Ion	Ratio	Lower	Upper
99	100		
42	12.7	8.6	13.0
71	35.5	23.4	35.2#

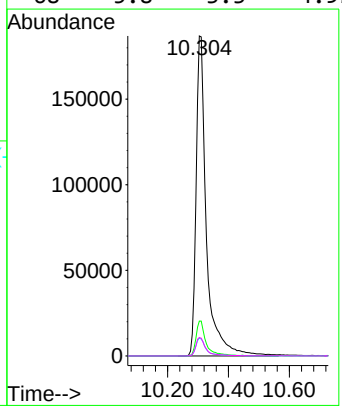




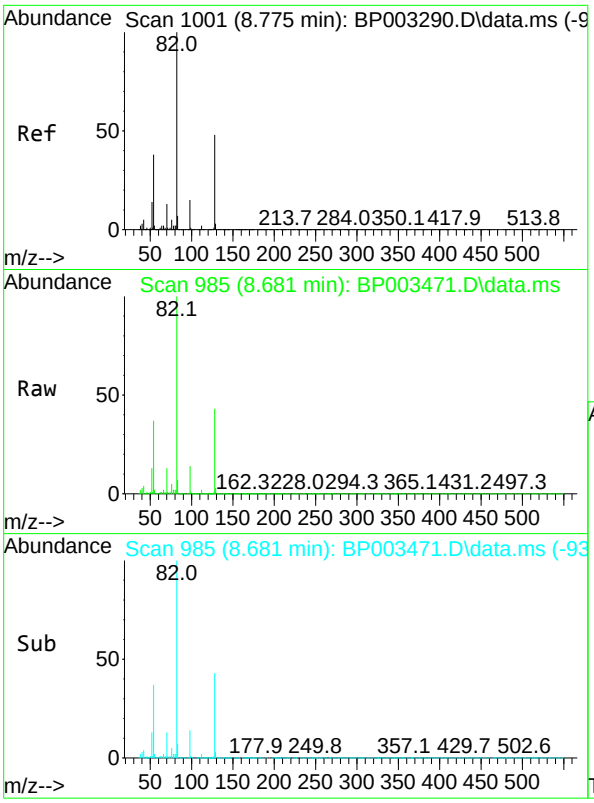
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.304 min Scan# 1261
Delta R.T. -0.000 min
Lab File: BP003471.D
Acq: 02 Oct 2020 21:30

Tgt Ion:136 Resp: 440121

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	5.6	3.6	5.4#
68	5.8	3.3	4.9#



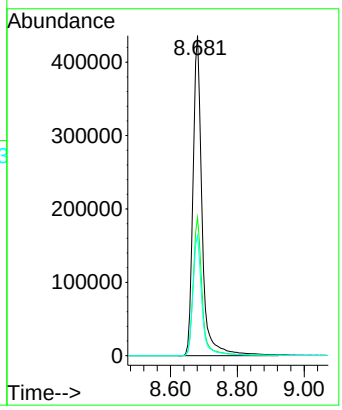
Instrument :
BNA_P
ClientSampleId :
BU-03-093020

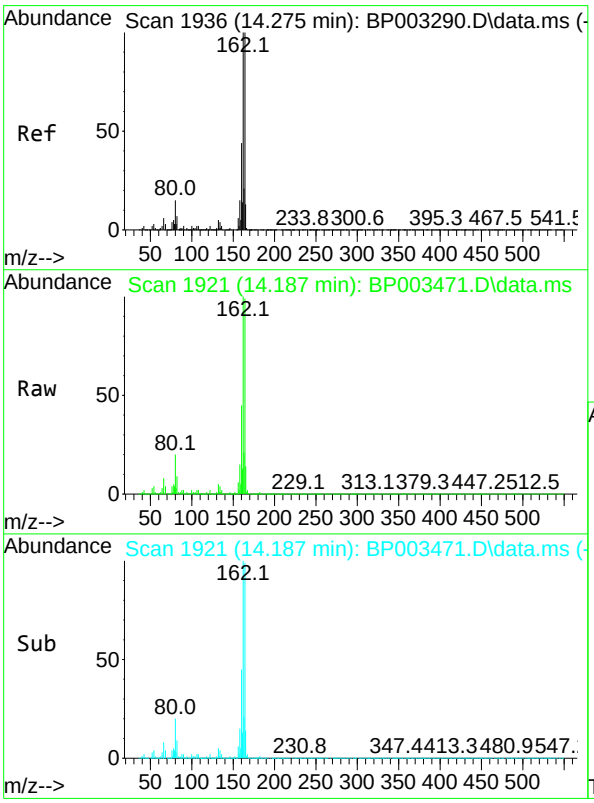


#23
Nitrobenzene-d5
Concen: 110.46 ng
RT: 8.681 min Scan# 985
Delta R.T. 0.000 min
Lab File: BP003471.D
Acq: 02 Oct 2020 21:30

Tgt Ion: 82 Resp: 827509

Ion	Ratio	Lower	Upper
82	100		
128	43.2	45.6	68.4#
54	37.4	30.1	45.1

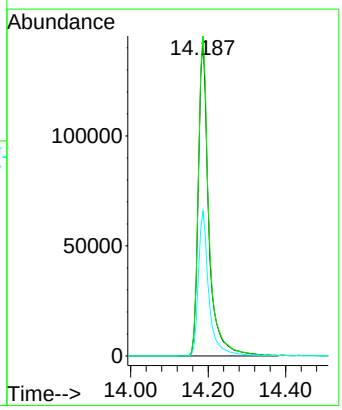




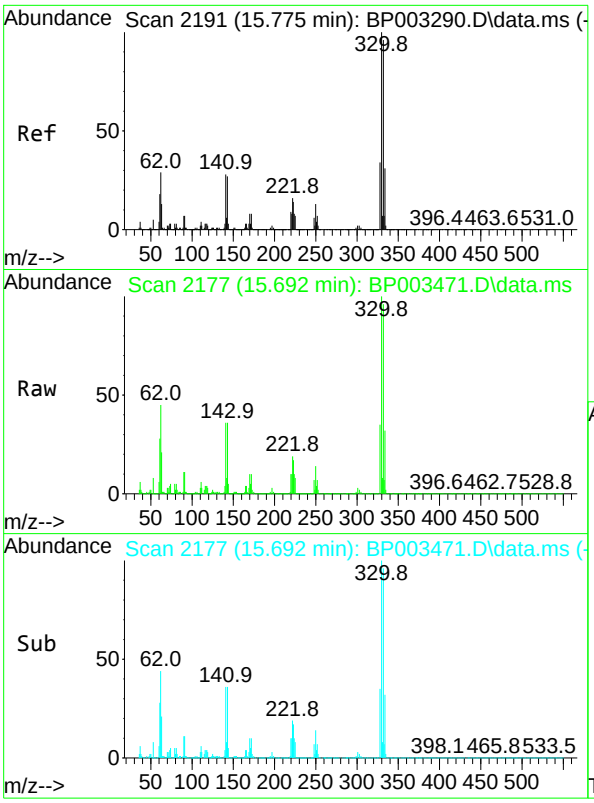
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.187 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BP003471.D
Acq: 02 Oct 2020 21:30

Tgt Ion:164 Resp: 269444

Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.4	119.2
160	45.7	36.1	54.1



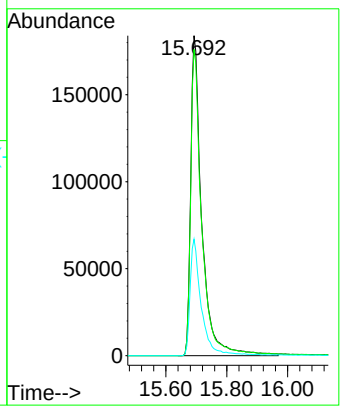
Instrument :
BNA_P
ClientSampleId :
BU-03-093020

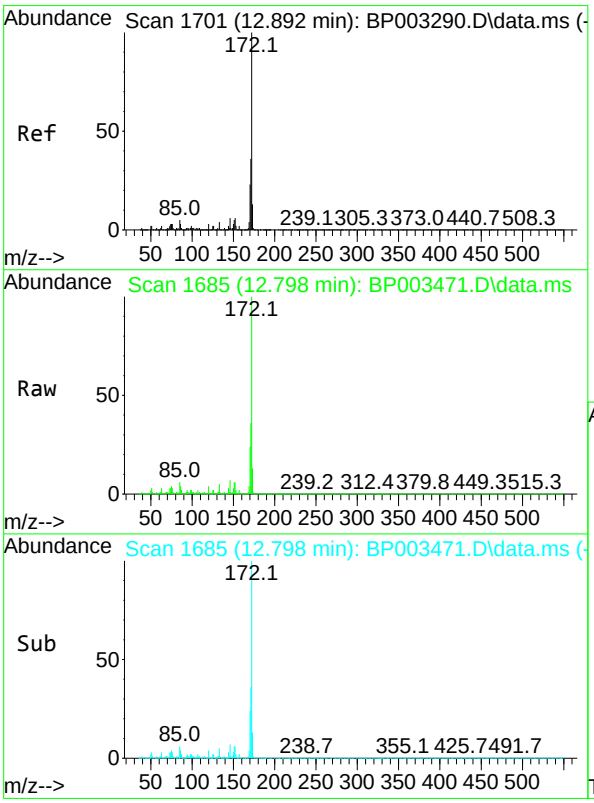


#42
2,4,6-Tribromophenol
Concen: 113.94 ng
RT: 15.692 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BP003471.D
Acq: 02 Oct 2020 21:30

Tgt Ion:330 Resp: 468253

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	36.2	23.4	35.2#

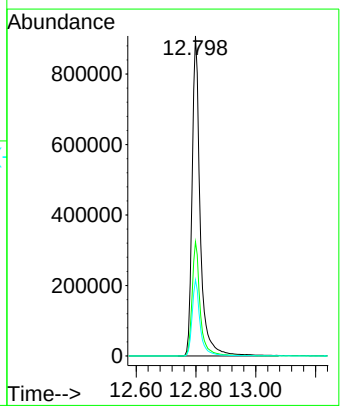




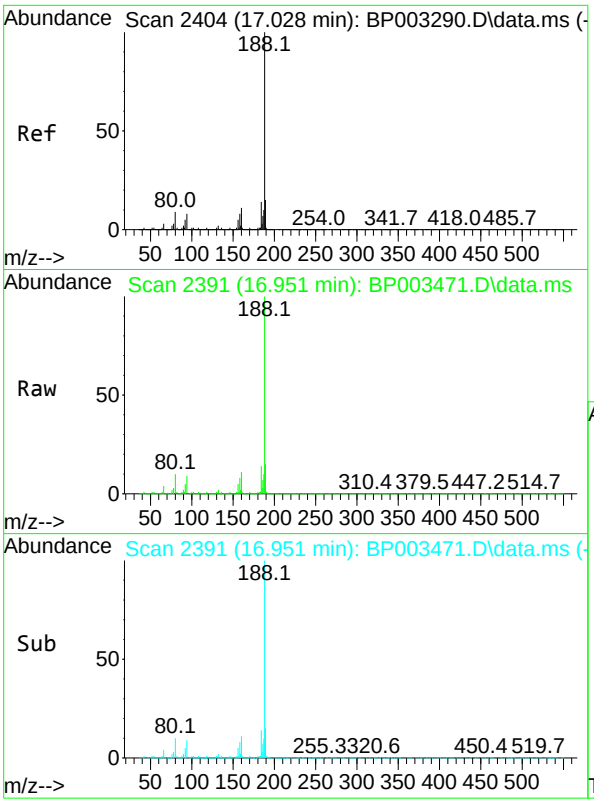
#45
2-Fluorobiphenyl
Concen: 92.95 ng
RT: 12.798 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BP003471.D
Acq: 02 Oct 2020 21:30

Tgt Ion:172 Resp: 1712485

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.8	19.2	28.8



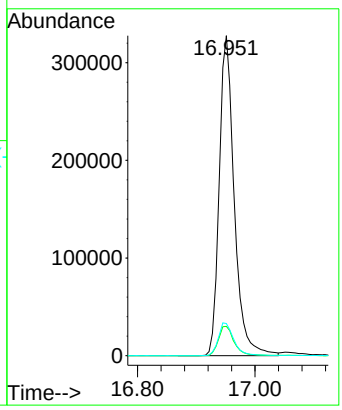
Instrument :
BNA_P
ClientSampleId :
BU-03-093020

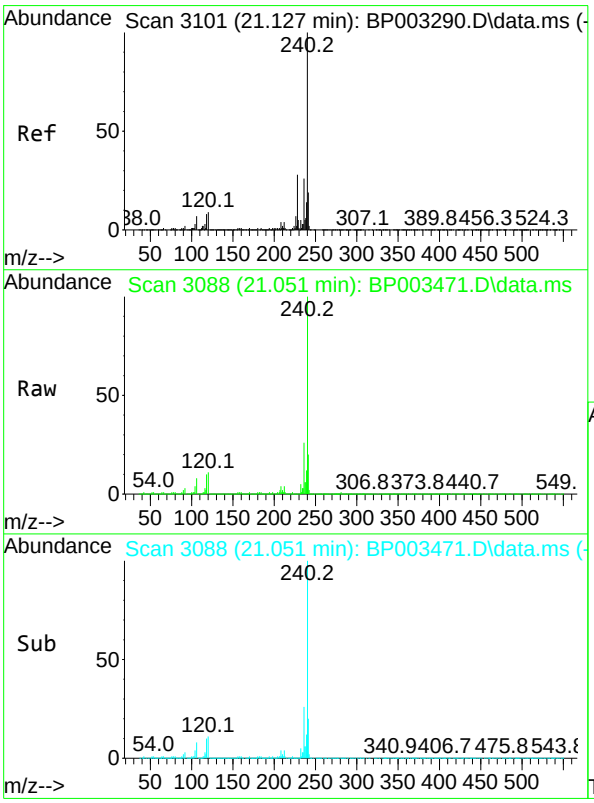


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.951 min Scan# 2391
Delta R.T. 0.012 min
Lab File: BP003471.D
Acq: 02 Oct 2020 21:30

Tgt Ion:188 Resp: 580291

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.2	9.2
80	10.1	6.2	9.2#

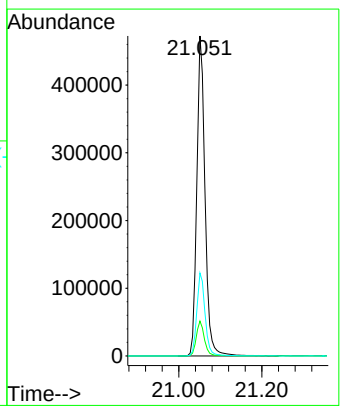




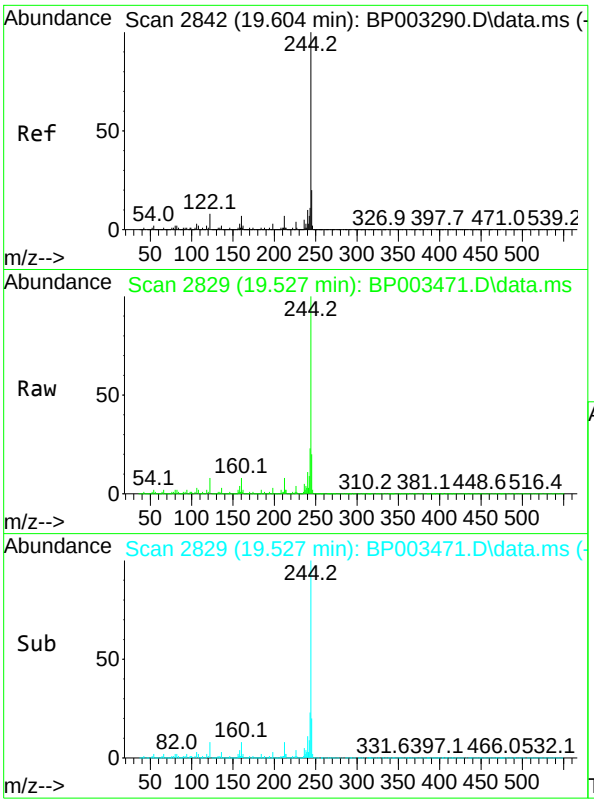
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.051 min Scan# 3088
Delta R.T. 0.000 min
Lab File: BP003471.D
Acq: 02 Oct 2020 21:30

Tgt Ion:240 Resp: 651208

Ion	Ratio	Lower	Upper
240	100		
120	10.9	7.8	11.6
236	25.9	20.8	31.2



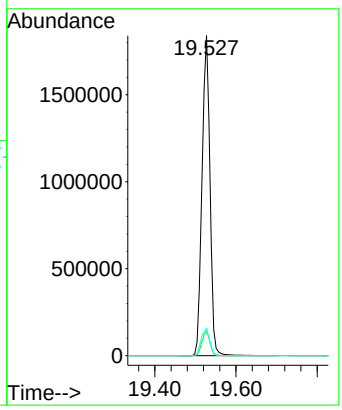
Instrument :
BNA_P
ClientSampleId :
BU-03-093020

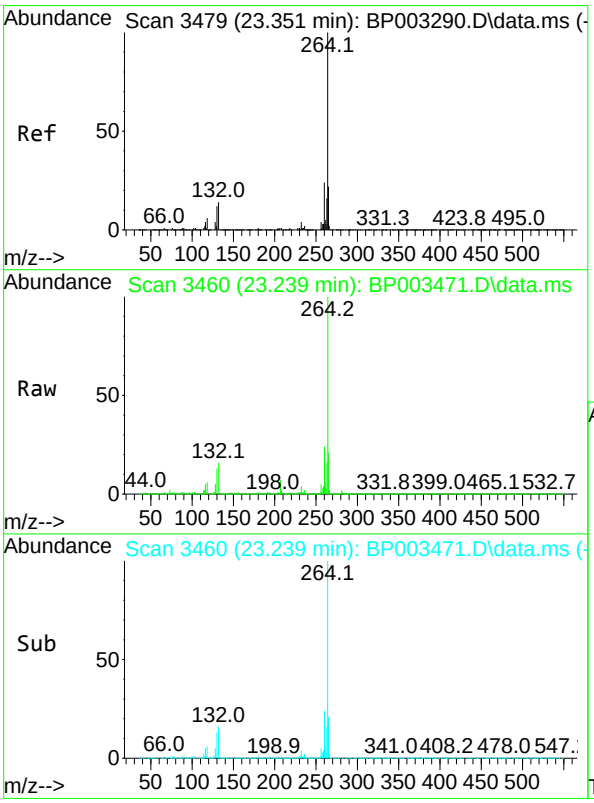


#79
Terphenyl-d14
Concen: 79.77 ng
RT: 19.527 min Scan# 2829
Delta R.T. 0.000 min
Lab File: BP003471.D
Acq: 02 Oct 2020 21:30

Tgt Ion:244 Resp: 2493084

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	8.4	7.8	11.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.239 min Scan# 3460
Delta R.T. 0.006 min
Lab File: BP003471.D
Acq: 02 Oct 2020 21:30

Tgt Ion:264 Resp: 625800

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	21.1	17.4	26.2