Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
Data File : BP003463.D
Acq On : 02 Oct 2020 16:57
Operator : CG/JU
Sample : L3865-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : NB-07-093020

Quant Time: Oct 02 17:41:17 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	111557	20.00	ng	0.00
21) Naphthalene-d8	10.304	136	453219	20.00	ng	# 0.00
39) Acenaphthene-d10	14.187	164	272807	20.00	ng	0.00
64) Phenanthrene-d10	16.945	188	588652	20.00	ng	# 0.00
76) Chrysene-d12	21.051	240	658675	20.00	ng	0.00
86) Perylene-d12	23.233	264	669373	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.140	112	667189	104.43	ng	0.00
7) Phenol-d6	6.734	99	848067	99.59	ng	0.00
23) Nitrobenzene-d5	8.681	82	581549	75.38	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	305837	73.50	ng	0.00
45) 2-Fluorobiphenyl	12.798	172	1124120	60.26	ng	0.00
79) Terphenyl-d14	19.527	244	1536196	48.59	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.651	163	156190	7.17	ng	99
71) Phenanthrene	16.986	178	69918	2.18	ng	98
75) Fluoranthene	18.974	202	131985	3.28	ng	98
78) Pyrene	19.322	202	139633	3.40	ng	99

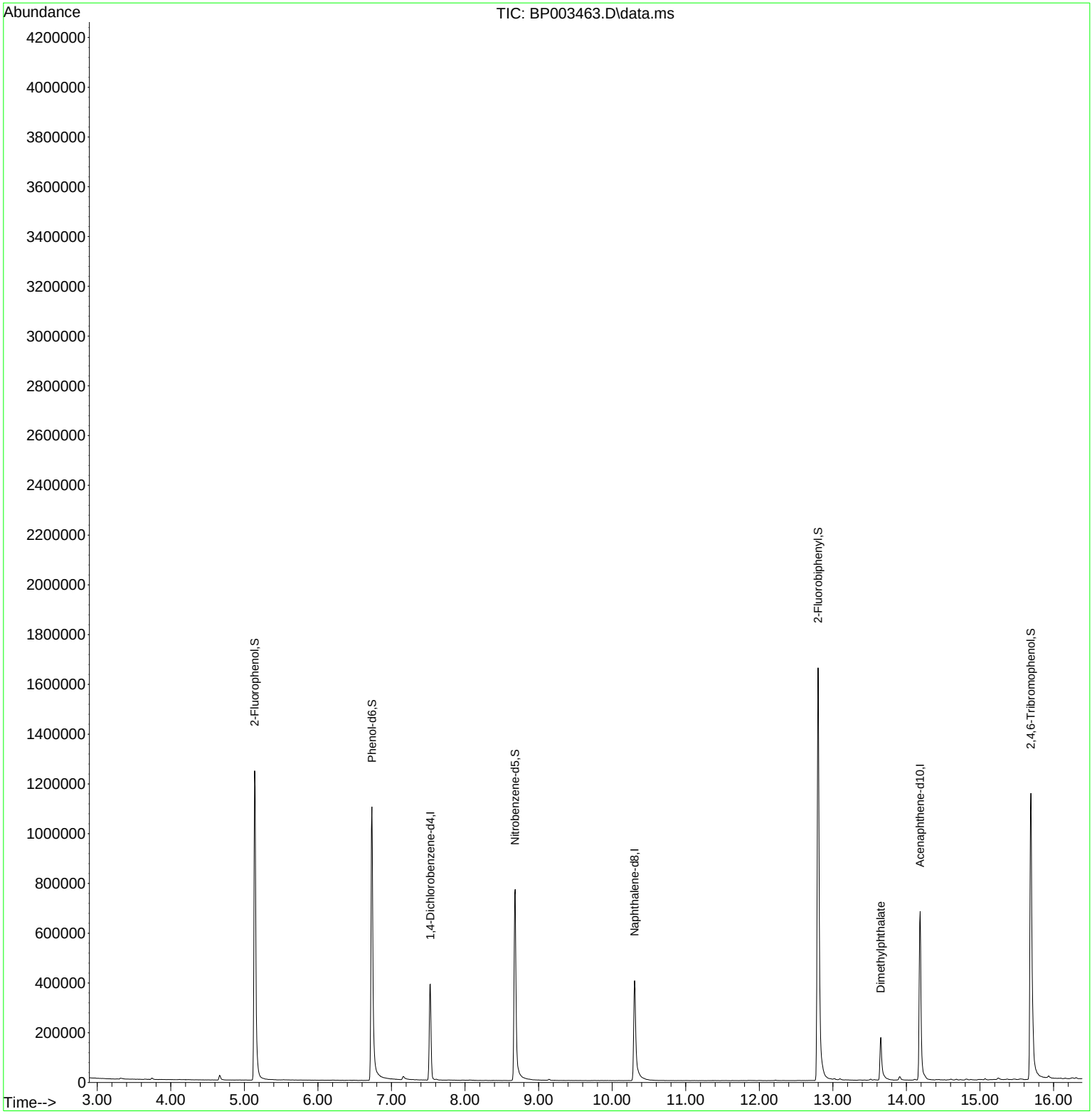
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
Data File : BP003463.D
Acq On : 02 Oct 2020 16:57
Operator : CG/JU
Sample : L3865-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NB-07-093020

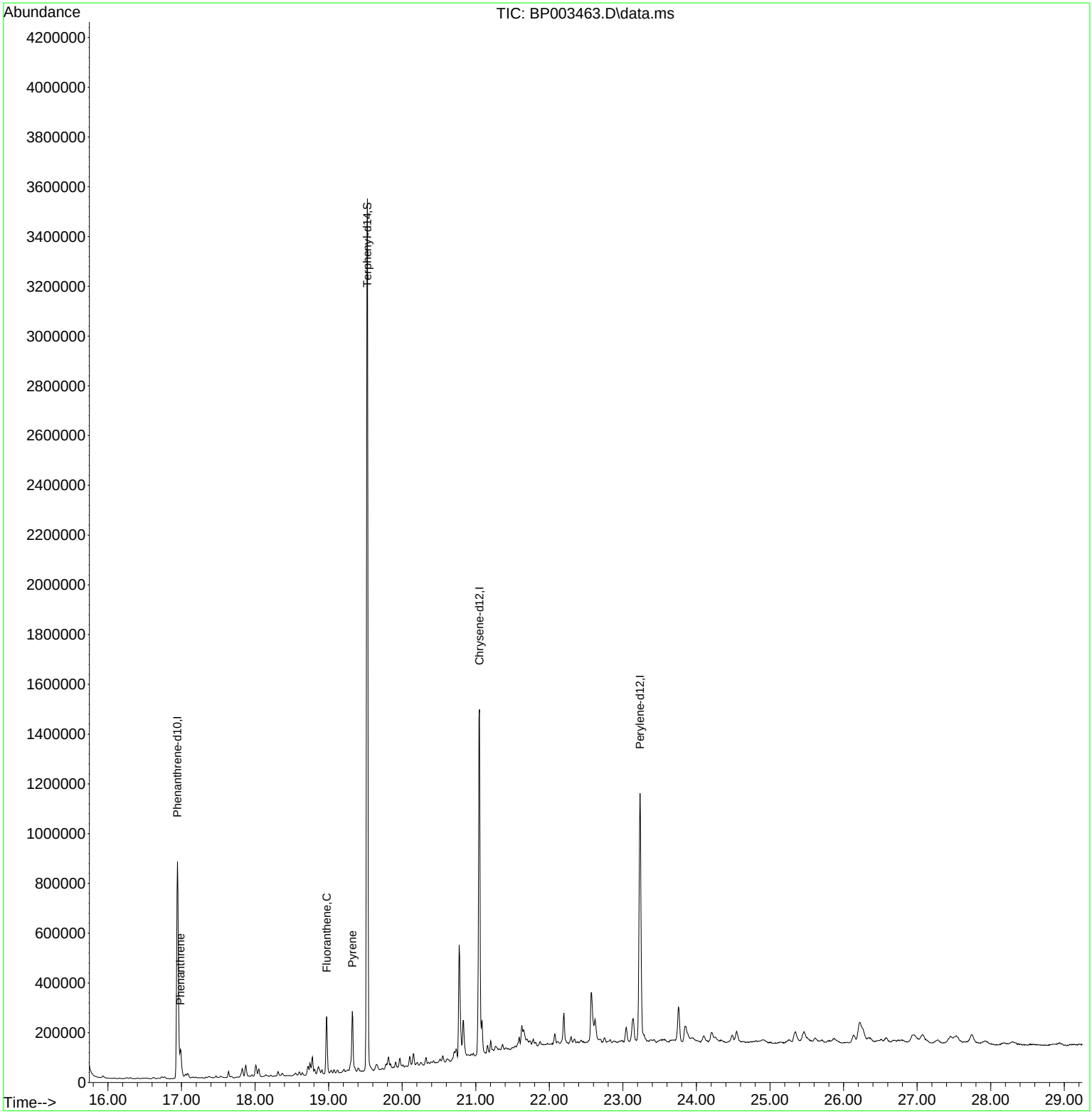
Quant Time: Oct 02 17:41:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 02 11:17:24 2020
Response via : Initial Calibration



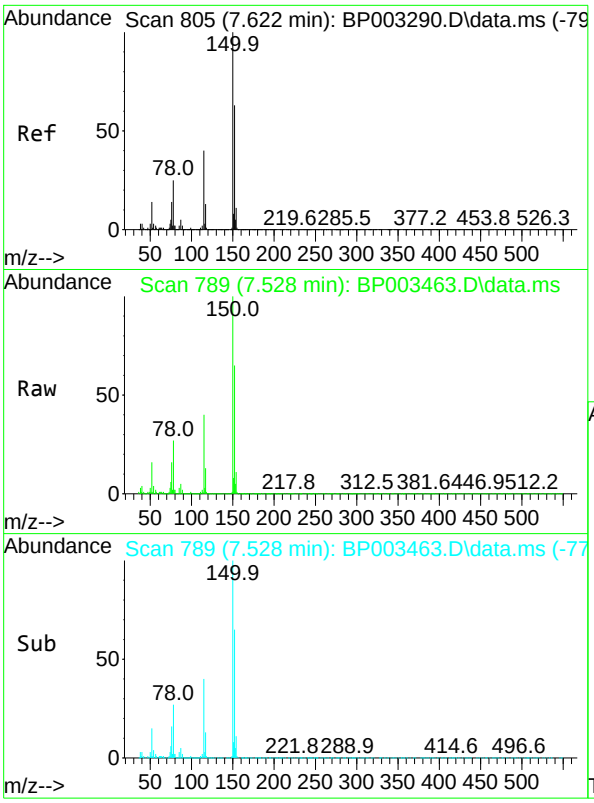
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100220\
Data File : BP003463.D
Acq On : 02 Oct 2020 16:57
Operator : CG/JU
Sample : L3865-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NB-07-093020

Quant Time: Oct 02 17:41:17 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



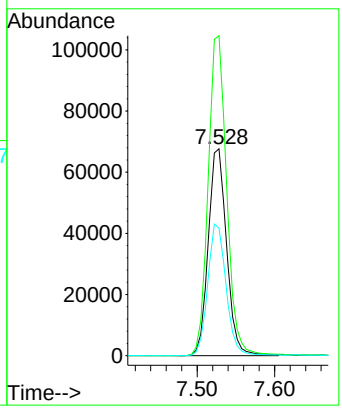
Instrument :
BNA_P
ClientSampleId :
NB-07-093020

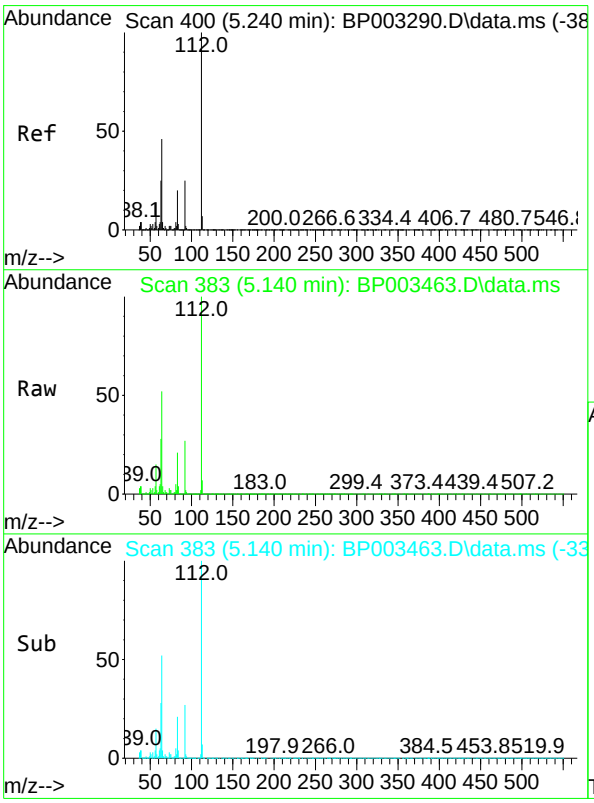


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.528 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

Tgt Ion:152 Resp: 111557

Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.8	185.6
115	61.6	43.8	65.6

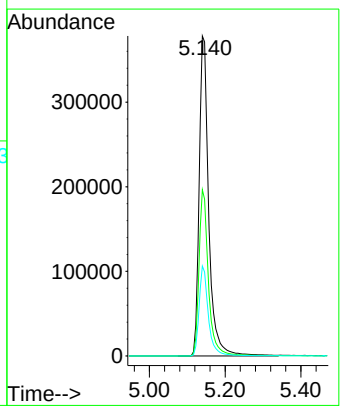




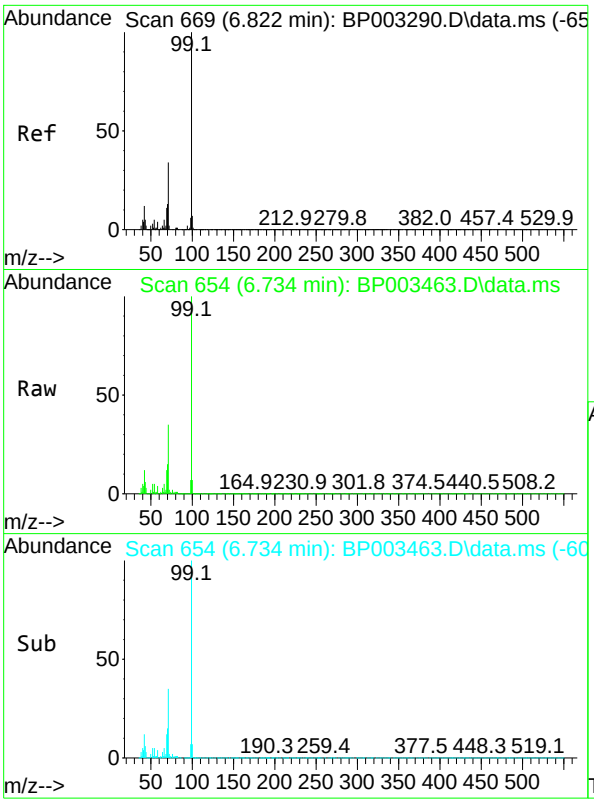
#5
2-Fluorophenol
Concen: 104.43 ng
RT: 5.140 min Scan# 383
Delta R.T. 0.000 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

Tgt Ion:112 Resp: 667189

Ion	Ratio	Lower	Upper
112	100		
64	51.9	32.8	49.2#
63	28.1	17.0	25.4#



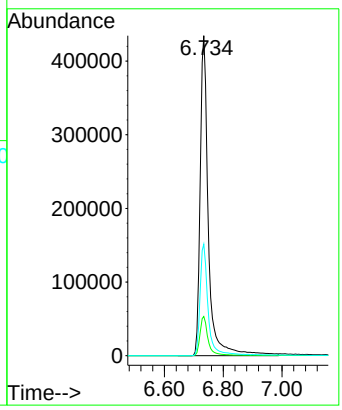
Instrument :
BNA_P
ClientSampleId :
NB-07-093020

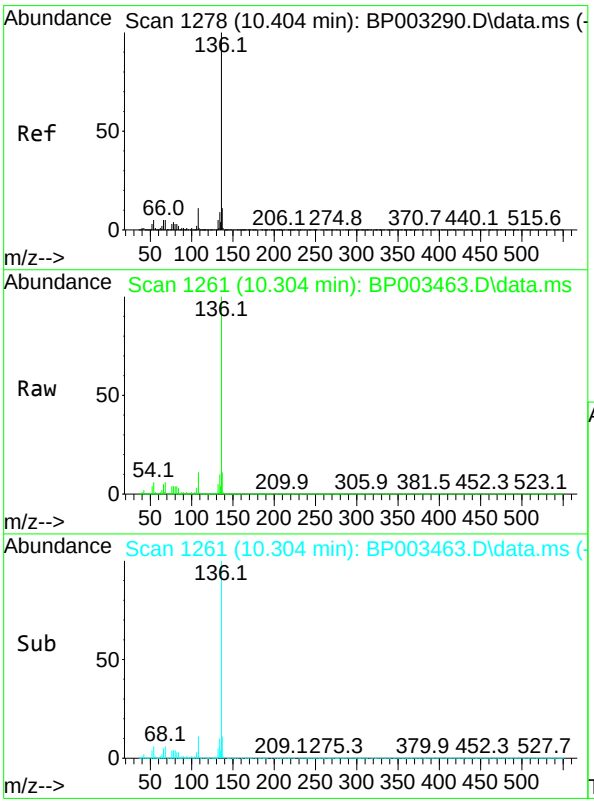


#7
Phenol-d6
Concen: 99.59 ng
RT: 6.734 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

Tgt Ion: 99 Resp: 848067

Ion	Ratio	Lower	Upper
99	100		
42	12.3	8.6	13.0
71	34.9	23.4	35.2

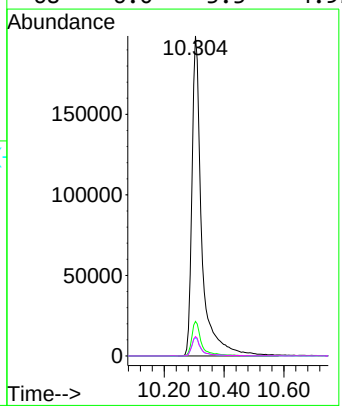




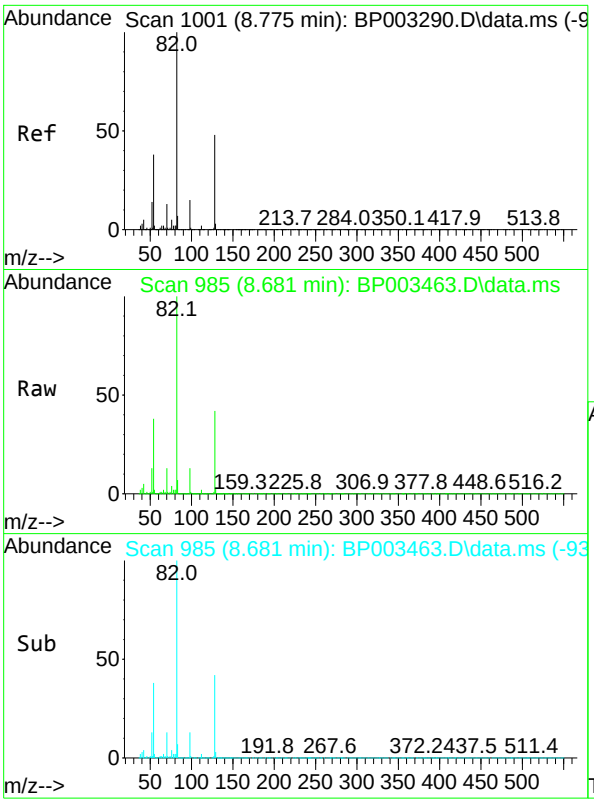
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.304 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

Tgt Ion:136 Resp: 453219

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.7	3.6	5.4#
68	6.0	3.3	4.9#



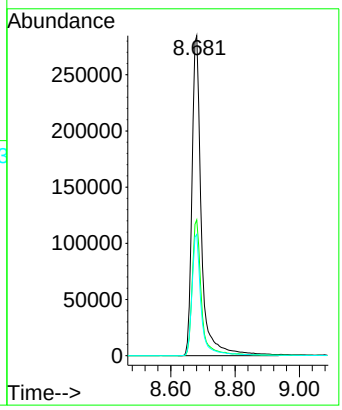
Instrument :
BNA_P
ClientSampleId :
NB-07-093020

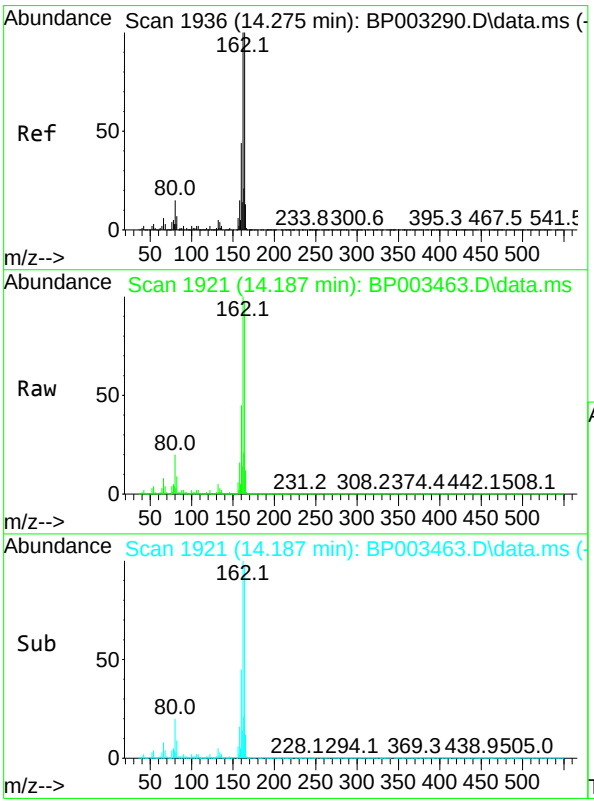


#23
Nitrobenzene-d5
Concen: 75.38 ng
RT: 8.681 min Scan# 985
Delta R.T. 0.000 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

Tgt Ion: 82 Resp: 581549

Ion	Ratio	Lower	Upper
82	100		
128	42.5	45.6	68.4#
54	37.9	30.1	45.1

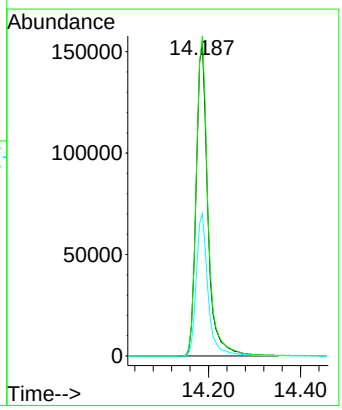




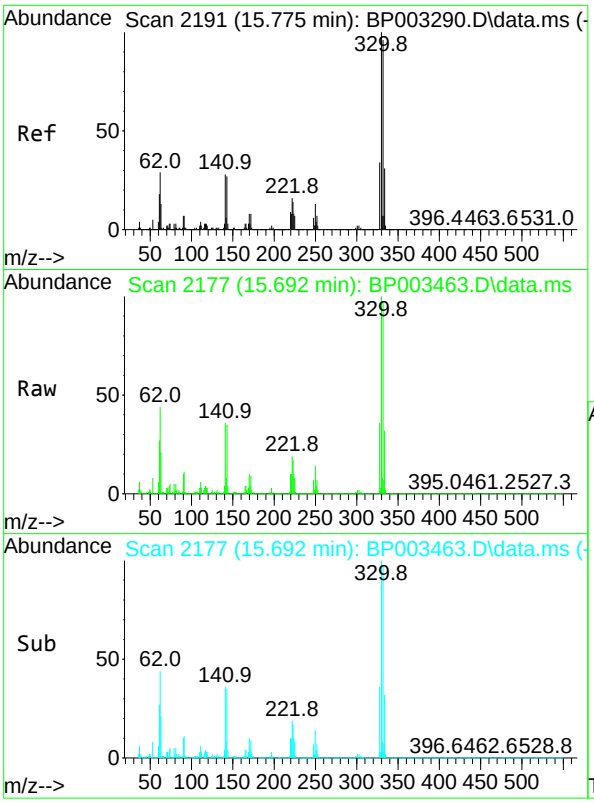
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.187 min Scan# 1921
Delta R.T. 0.000 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

Tgt Ion:164 Resp: 272807

Ion	Ratio	Lower	Upper
164	100		
162	102.5	79.4	119.2
160	45.6	36.1	54.1



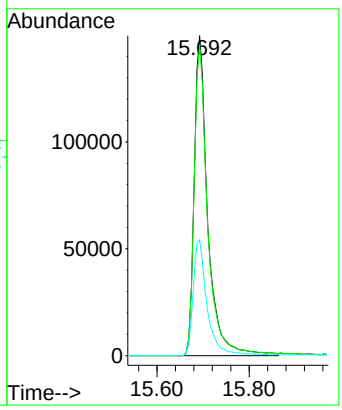
Instrument :
BNA_P
ClientSampleId :
NB-07-093020

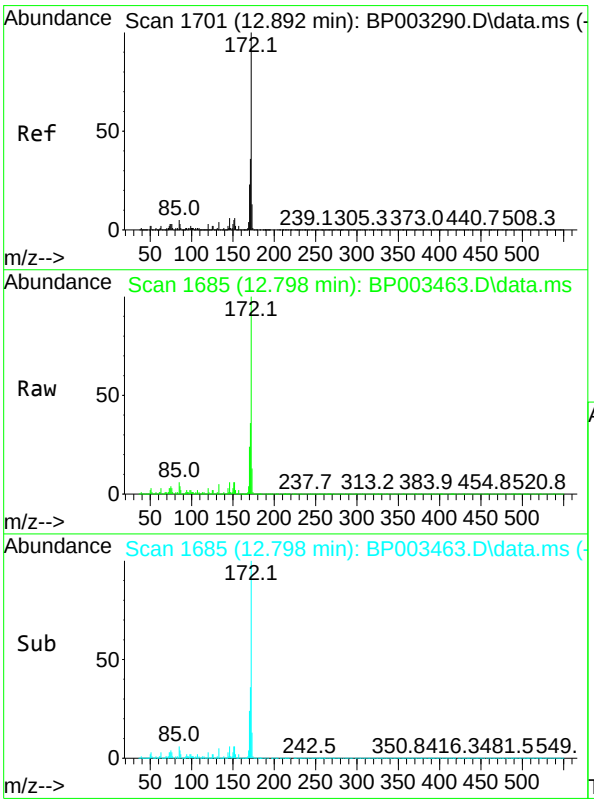


#42
2,4,6-Tribromophenol
Concen: 73.50 ng
RT: 15.692 min Scan# 2177
Delta R.T. 0.000 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

Tgt Ion:330 Resp: 305837

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.1	115.7
141	37.6	23.4	35.2#

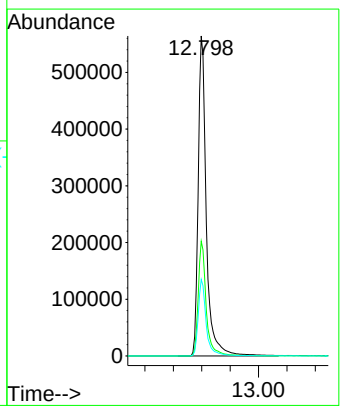




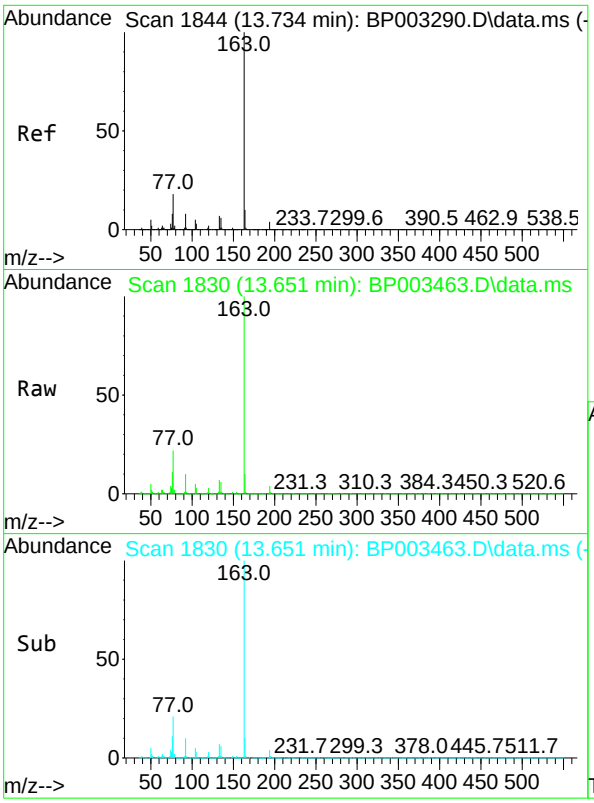
#45
2-Fluorobiphenyl
Concen: 60.26 ng
RT: 12.798 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

Tgt Ion:172 Resp: 1124120

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	23.9	19.2	28.8



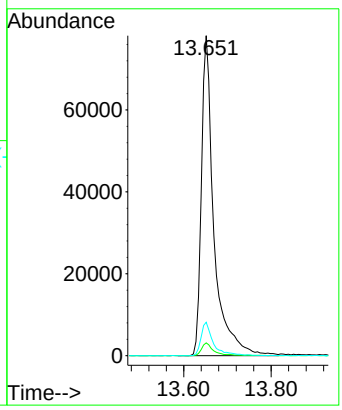
Instrument :
BNA_P
ClientSampleId :
NB-07-093020

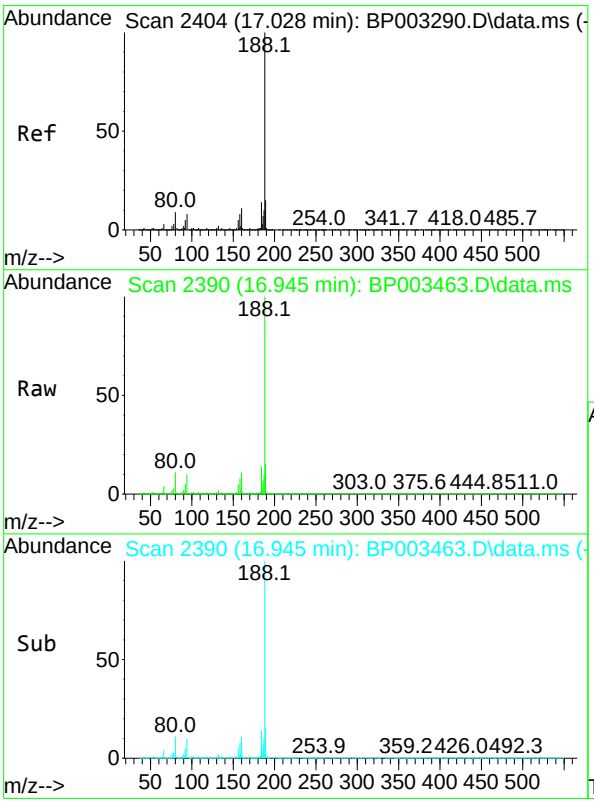


#50
Dimethylphthalate
Concen: 7.17 ng
RT: 13.651 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

Tgt Ion:163 Resp: 156190

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.4	8.2	12.2

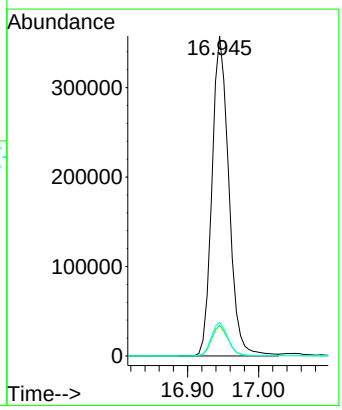




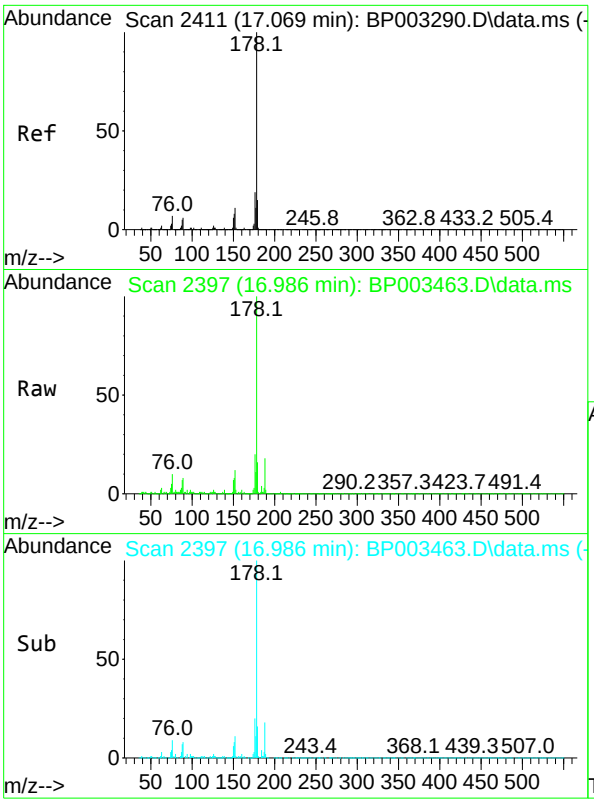
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.945 min Scan# 2390
Delta R.T. 0.006 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

Tgt Ion:188 Resp: 588652

Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.2	9.2#
80	10.5	6.2	9.2#



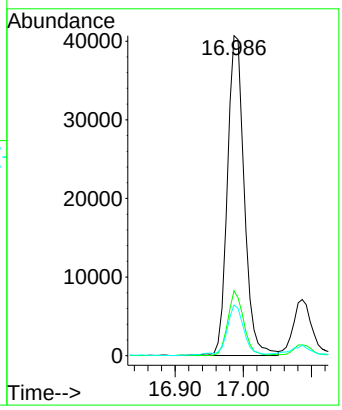
Instrument :
BNA_P
ClientSampleId :
NB-07-093020

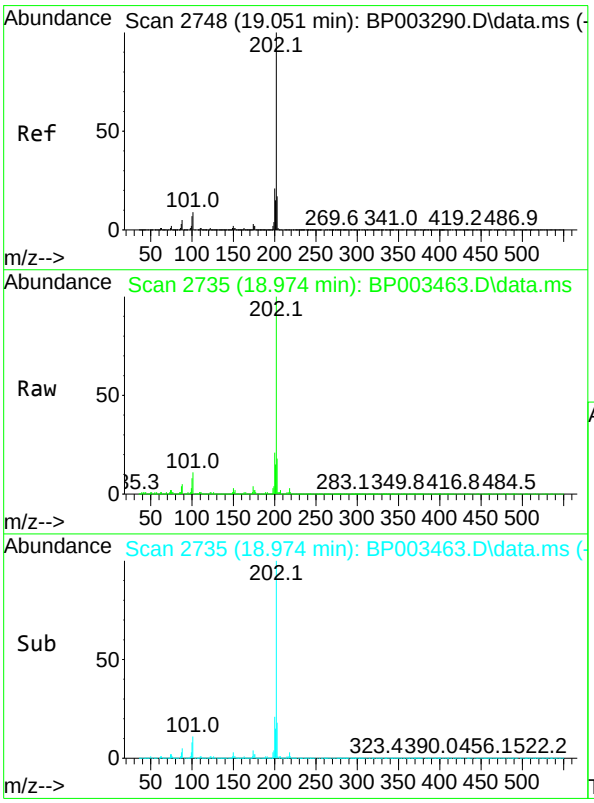


#71
Phenanthrene
Concen: 2.18 ng
RT: 16.986 min Scan# 2397
Delta R.T. 0.000 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

Tgt Ion:178 Resp: 69918

Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.3	22.9
179	15.8	12.5	18.7

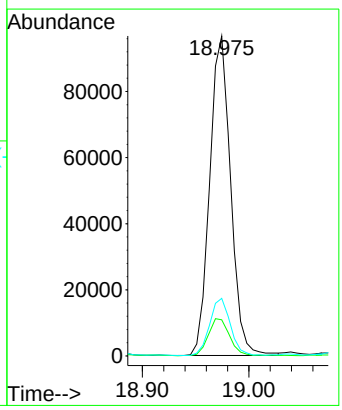




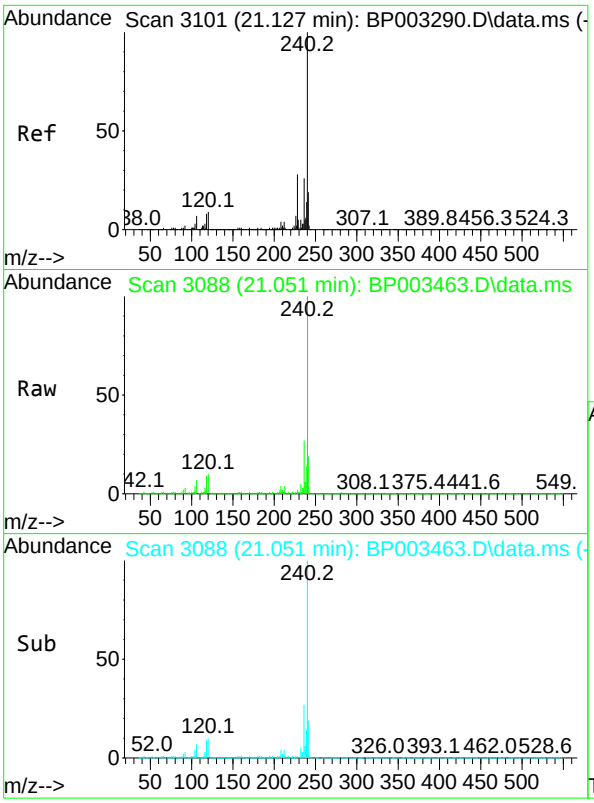
#75
Fluoranthene
Concen: 3.28 ng
RT: 18.974 min Scan# 2735
Delta R.T. 0.000 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

Tgt Ion:202 Resp: 131985

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	29.4
203	18.0	0.0	37.8



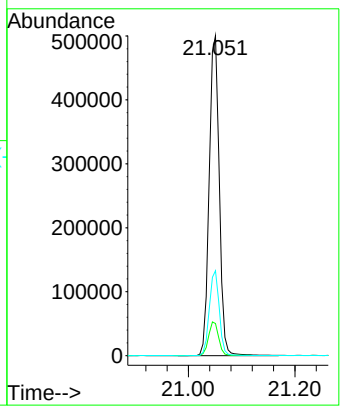
Instrument :
BNA_P
ClientSampleId :
NB-07-093020

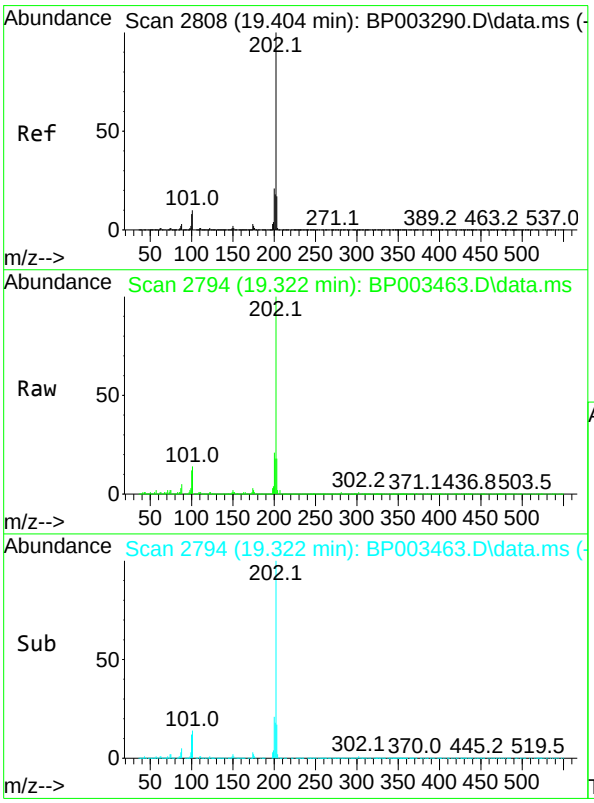


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.051 min Scan# 3088
Delta R.T. 0.000 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

Tgt Ion:240 Resp: 658675

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.8	11.6
236	26.6	20.8	31.2

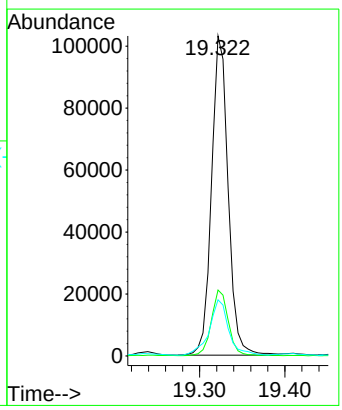




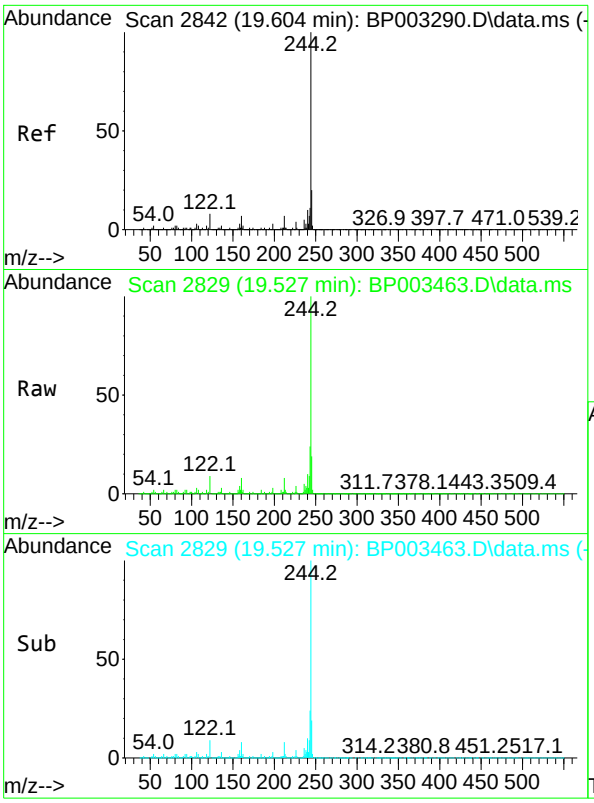
#78
Pyrene
Concen: 3.40 ng
RT: 19.322 min Scan# 2794
Delta R.T. -0.006 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

Tgt Ion:202 Resp: 139633

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.1	25.7
203	17.6	14.2	21.2



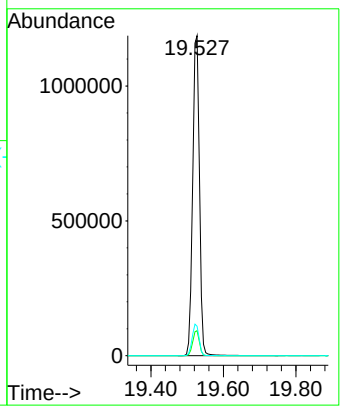
Instrument :
BNA_P
ClientSampleId :
NB-07-093020

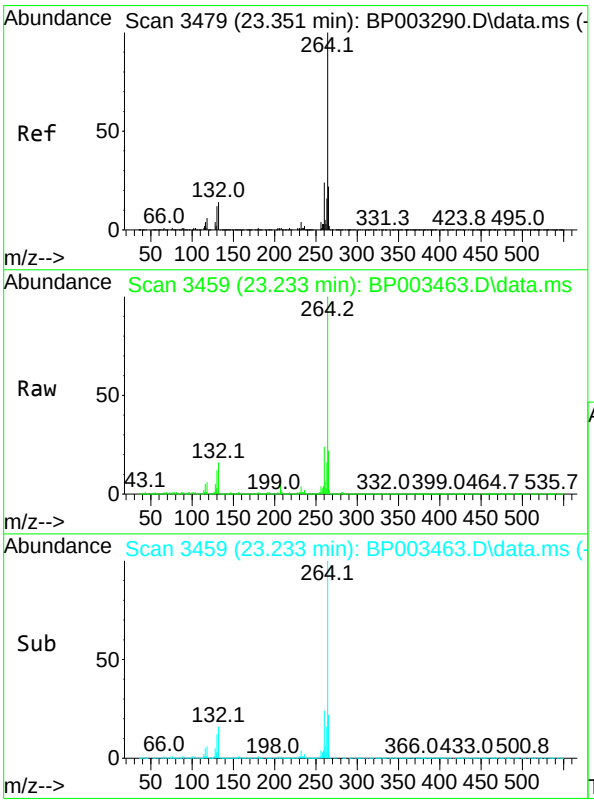


#79
Terphenyl-d14
Concen: 48.59 ng
RT: 19.527 min Scan# 2829
Delta R.T. 0.000 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

Tgt Ion:244 Resp: 1536196

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.6
122	9.2	7.8	11.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.233 min Scan# 3459
Delta R.T. 0.000 min
Lab File: BP003463.D
Acq: 02 Oct 2020 16:57

Tgt Ion:264 Resp: 669373

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	21.8	17.4	26.2