Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100520\
Data File : BP003516.D
Acq On : 06 Oct 2020 08:07
Operator : CG/JU
Sample : L4190-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PAV-B18-092920-0-10

Quant Time: Oct 06 10:45:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 14:33:14 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	85319	20.00	ng	0.00
21) Naphthalene-d8	10.275	136	341269	20.00	ng	# 0.00
39) Acenaphthene-d10	14.157	164	212231	20.00	ng	0.00
64) Phenanthrene-d10	16.916	188	476560	20.00	ng	# 0.00
76) Chrysene-d12	21.027	240	520819	20.00	ng	0.00
86) Perylene-d12	23.198	264	472980	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.116	112	688955	141.00	ng	0.00
7) Phenol-d6	6.710	99	787567	120.93	ng	0.00
23) Nitrobenzene-d5	8.652	82	659955	113.61	ng	0.00
42) 2,4,6-Tribromophenol	15.663	330	373416	115.36	ng	0.00
45) 2-Fluorobiphenyl	12.769	172	1375697	94.80	ng	0.00
79) Terphenyl-d14	19.504	244	2259465	90.39	ng	0.00
Target Compounds						Qvalue

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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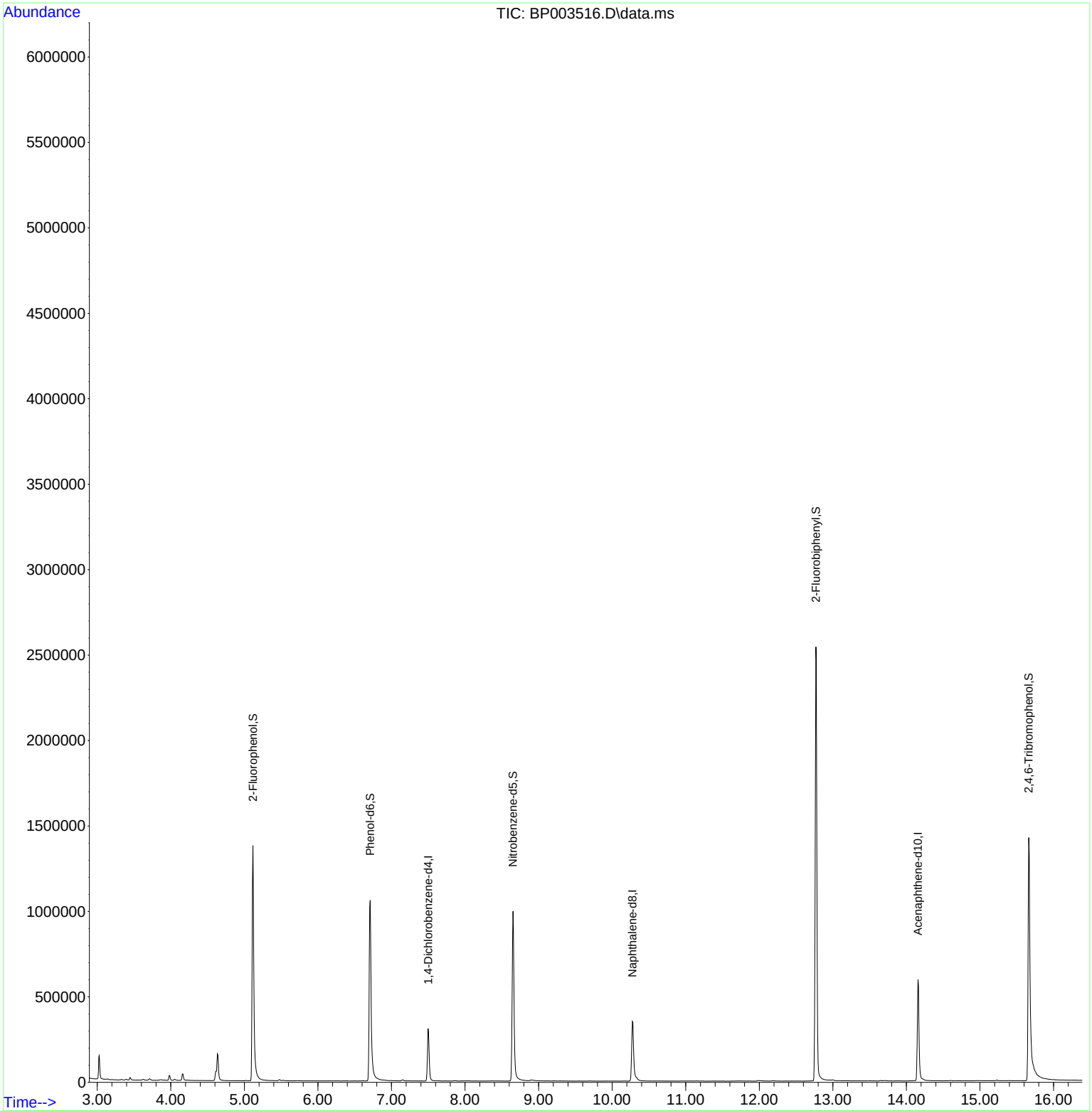

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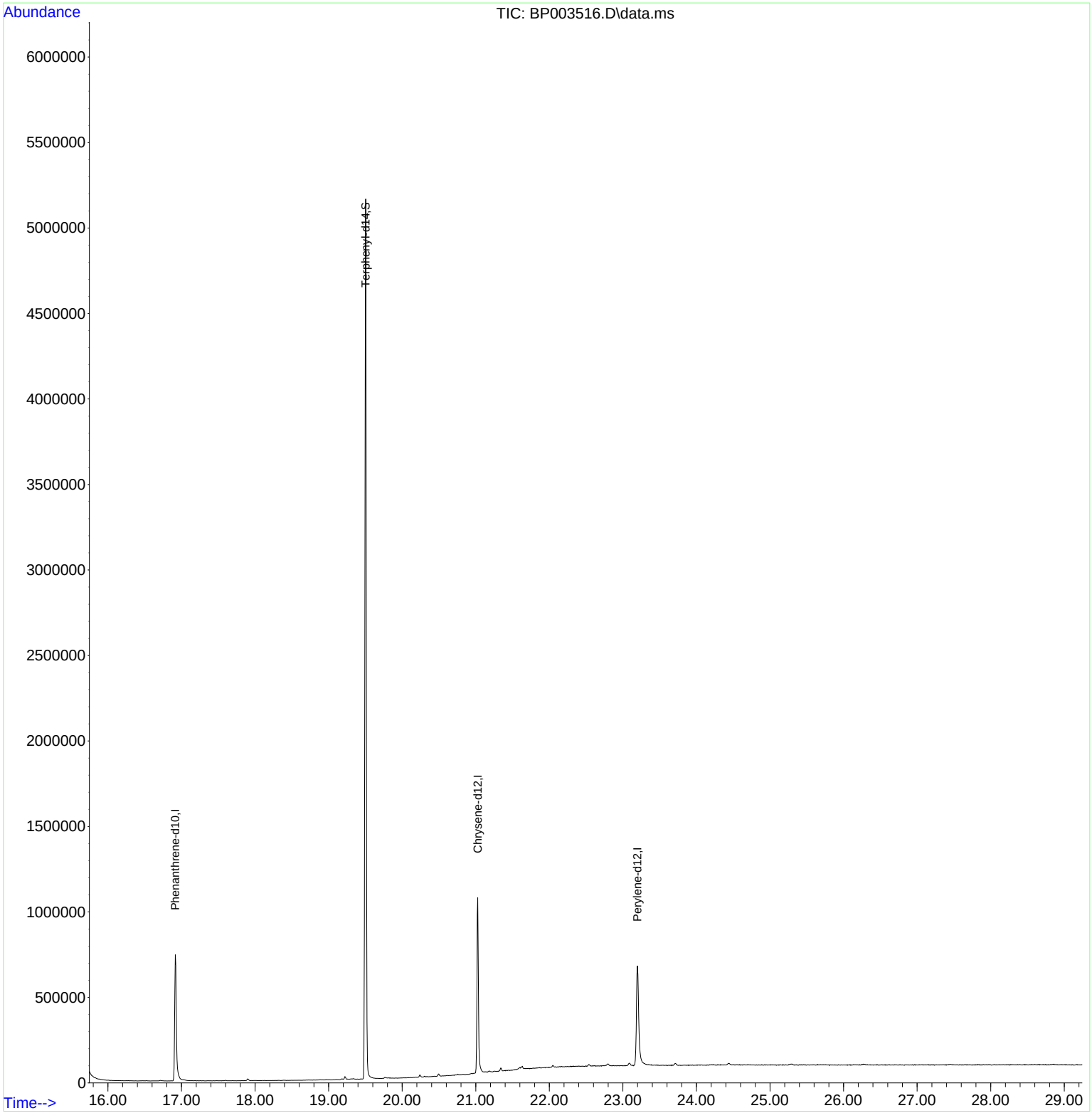
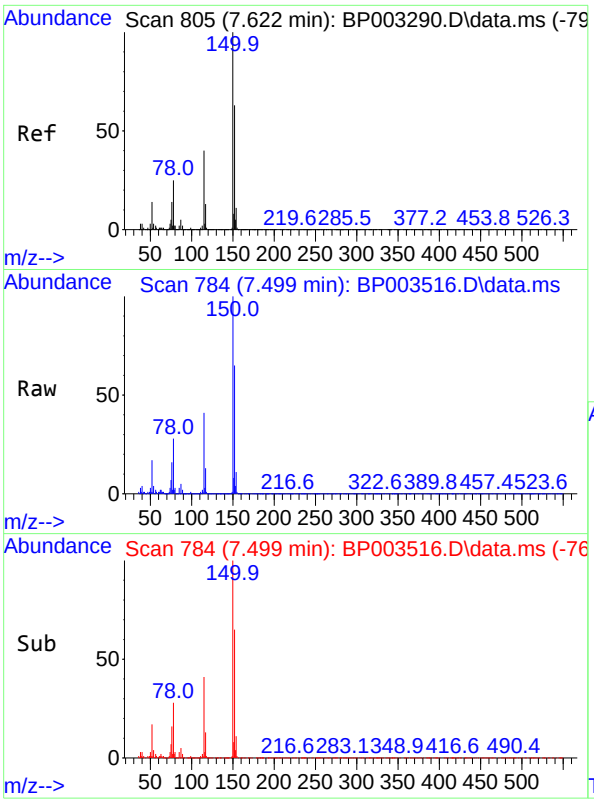


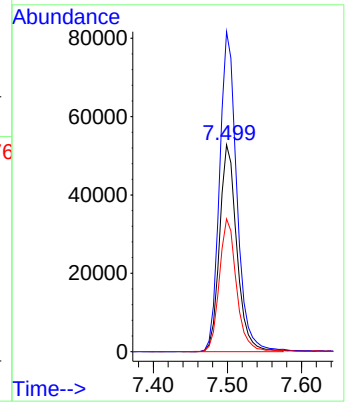
Instrument :
BNA_P
ClientSampleId :
PAV-B18-092920-0-10

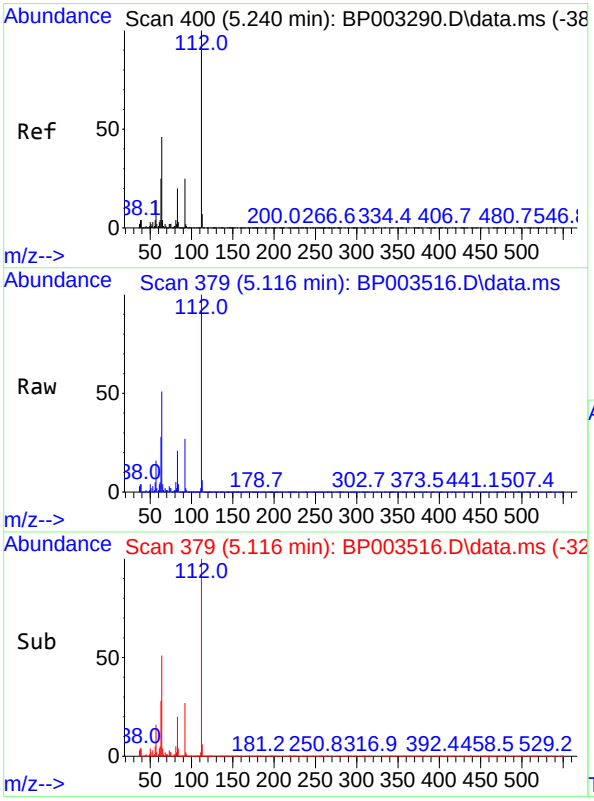


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.499 min Scan# 784
Delta R.T. 0.001 min
Lab File: BP003516.D
Acq: 06 Oct 2020 08:07

Tgt Ion:152 Resp: 85319

Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.8	185.6
115	64.2	43.8	65.6

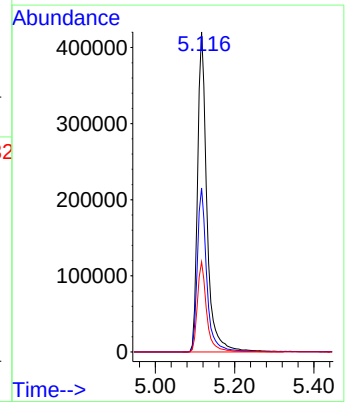




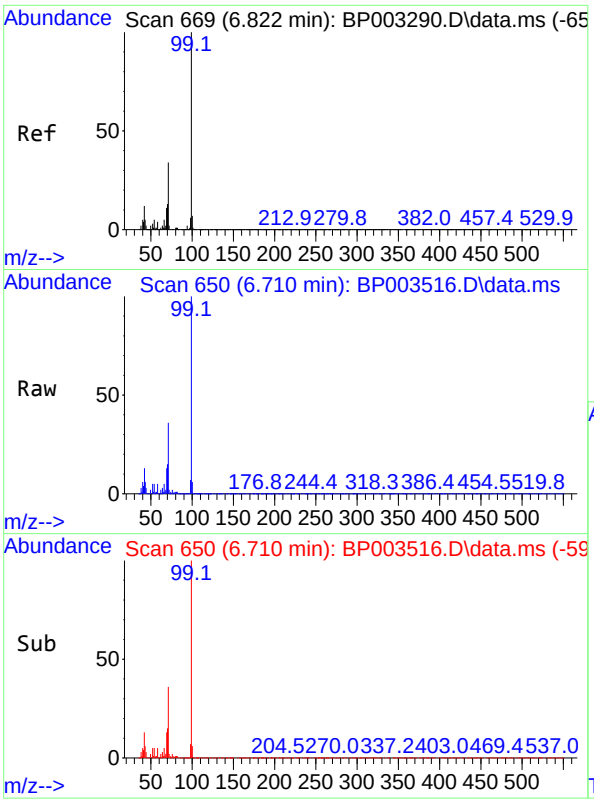
#5
2-Fluorophenol
Concen: 141.00 ng
RT: 5.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: BP003516.D
Acq: 06 Oct 2020 08:07

Tgt Ion:112 Resp: 688955

Ion	Ratio	Lower	Upper
112	100		
64	51.2	32.8	49.2#
63	28.2	17.0	25.4#



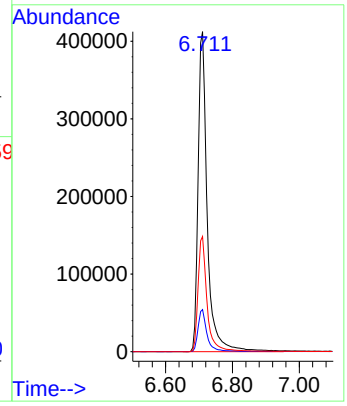
Instrument :
BNA_P
ClientSampleId :
PAV-B18-092920-0-10

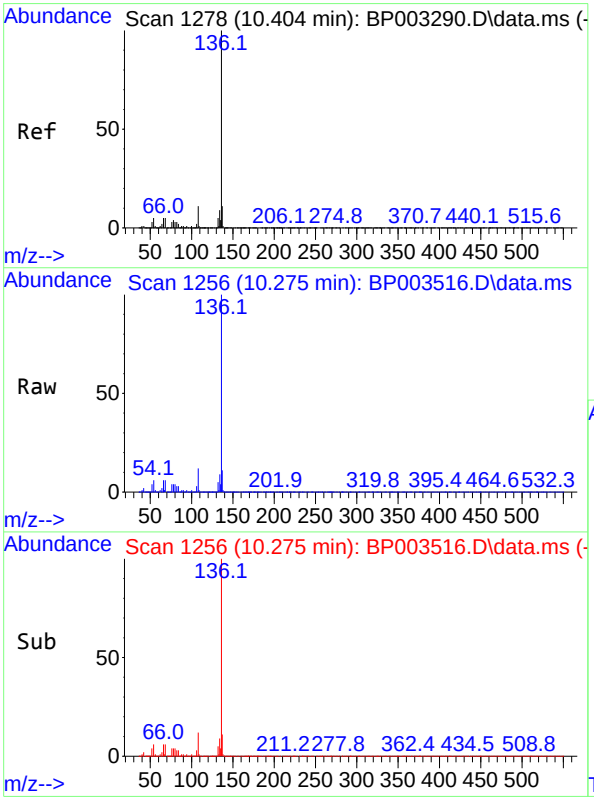


#7
Phenol-d6
Concen: 120.93 ng
RT: 6.710 min Scan# 650
Delta R.T. 0.006 min
Lab File: BP003516.D
Acq: 06 Oct 2020 08:07

Tgt Ion: 99 Resp: 787567

Ion	Ratio	Lower	Upper
99	100		
42	13.1	8.6	13.0#
71	36.0	23.4	35.2#

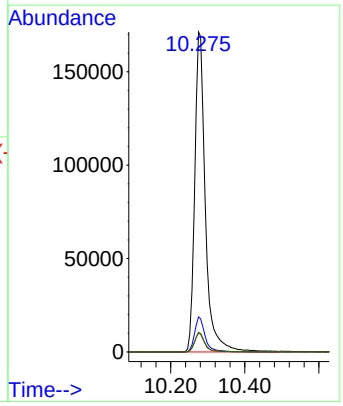


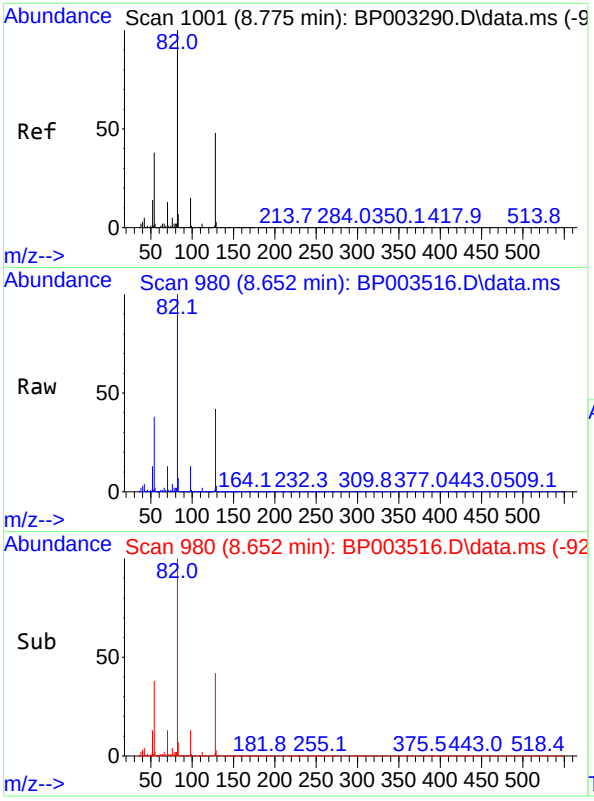


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.275 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BP003516.D
Acq: 06 Oct 2020 08:07

Tgt Ion:136 Resp: 341269

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	5.9	3.6	5.4#
68	6.2	3.3	4.9#

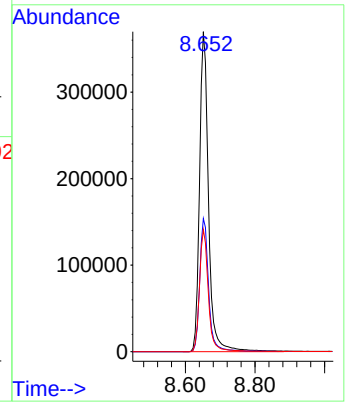




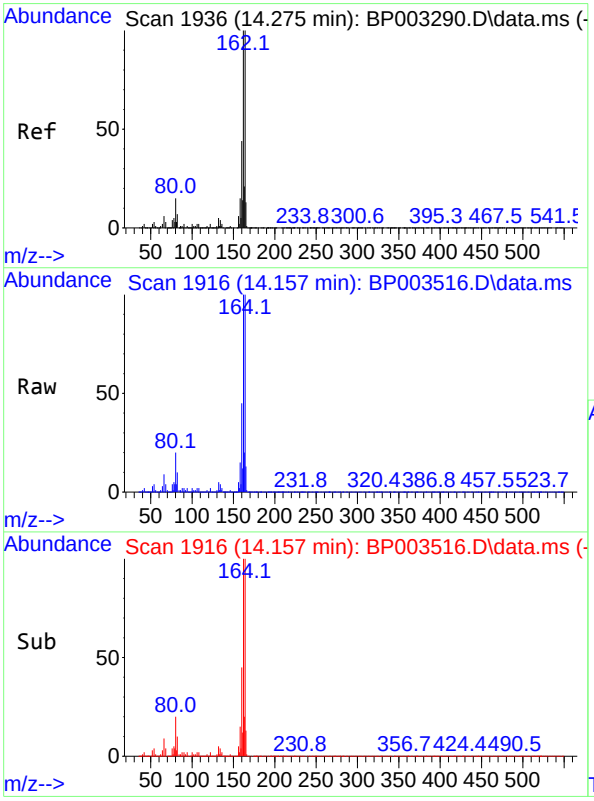
#23
Nitrobenzene-d5
Concen: 113.61 ng
RT: 8.652 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP003516.D
Acq: 06 Oct 2020 08:07

Tgt Ion: 82 Resp: 659955

Ion	Ratio	Lower	Upper
82	100		
128	41.6	45.6	68.4#
54	38.1	30.1	45.1



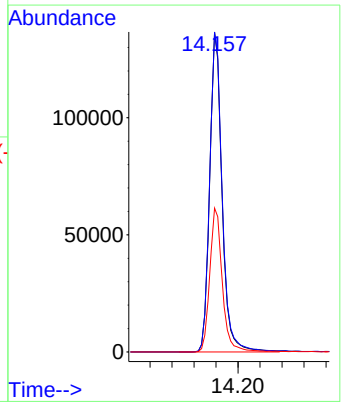
Instrument :
BNA_P
ClientSampleId :
PAV-B18-092920-0-10



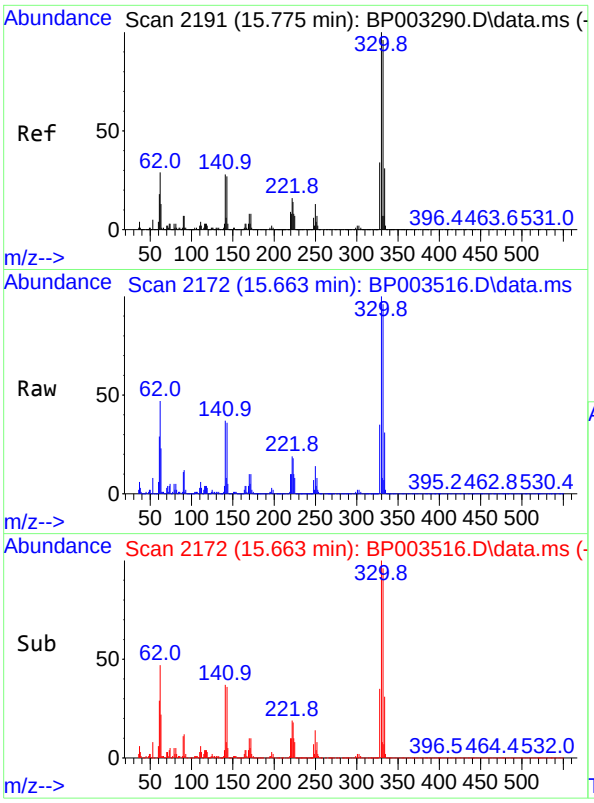
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.157 min Scan# 1916
Delta R.T. 0.000 min
Lab File: BP003516.D
Acq: 06 Oct 2020 08:07

Tgt Ion:164 Resp: 212231

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.4	119.2
160	44.9	36.1	54.1



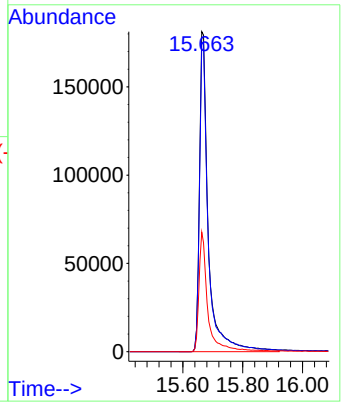
Instrument :
BNA_P
ClientSampleId :
PAV-B18-092920-0-10

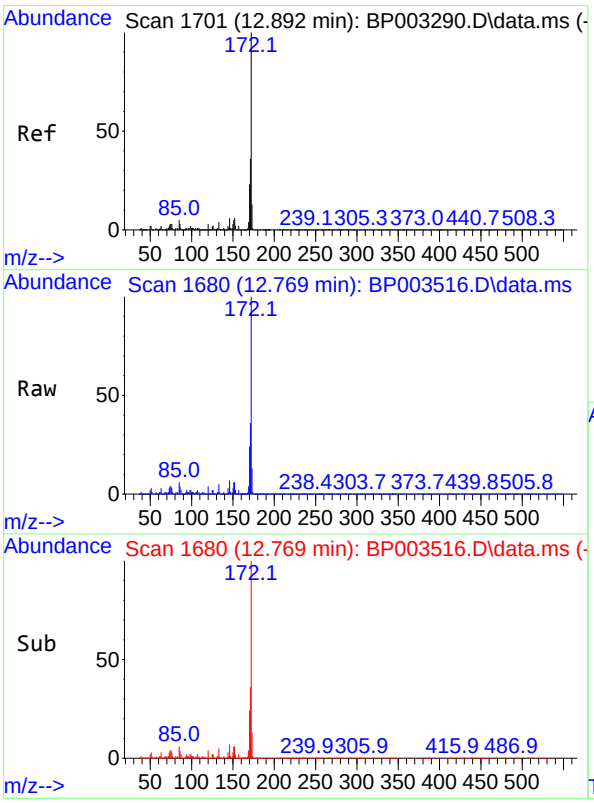


#42
2,4,6-Tribromophenol
Concen: 115.36 ng
RT: 15.663 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP003516.D
Acq: 06 Oct 2020 08:07

Tgt Ion:330 Resp: 373416

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.1	115.7
141	37.0	23.4	35.2#

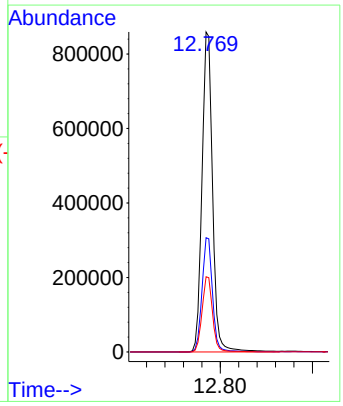




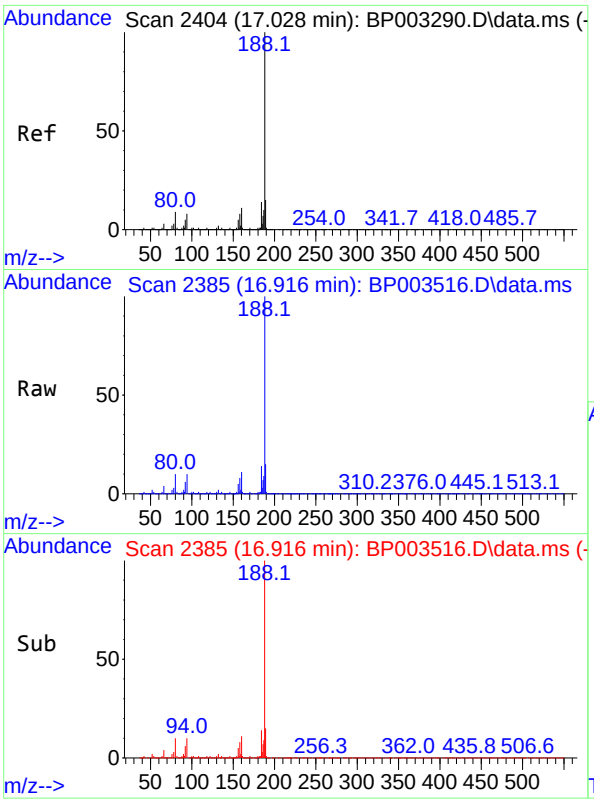
#45
2-Fluorobiphenyl
Concen: 94.80 ng
RT: 12.769 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BP003516.D
Acq: 06 Oct 2020 08:07

Tgt Ion:172 Resp: 1375697

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.5	19.2	28.8



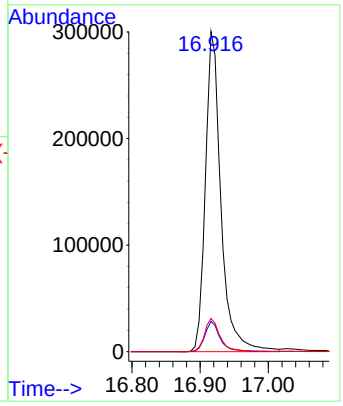
Instrument :
BNA_P
ClientSampleId :
PAV-B18-092920-0-10

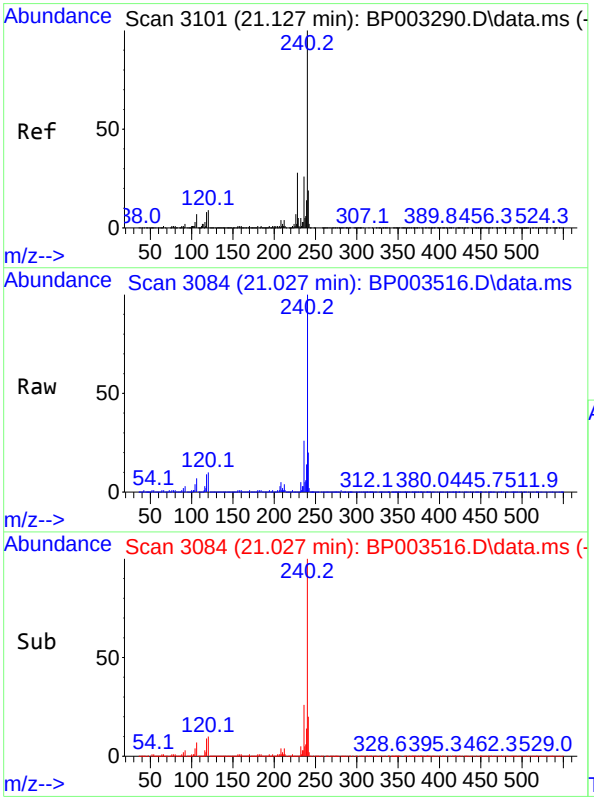


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.916 min Scan# 2385
Delta R.T. 0.000 min
Lab File: BP003516.D
Acq: 06 Oct 2020 08:07

Tgt Ion:188 Resp: 476560

Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.2	9.2#
80	10.4	6.2	9.2#

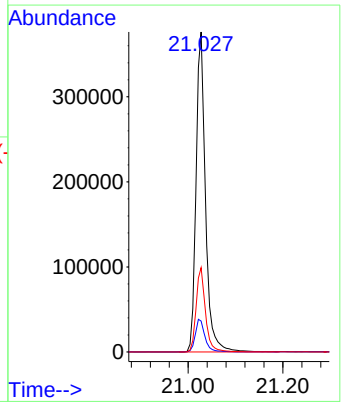


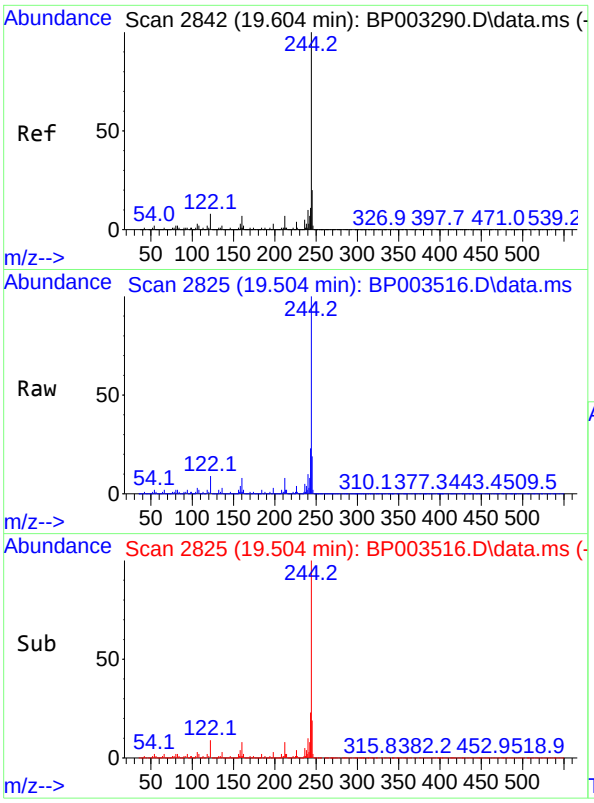


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.027 min Scan# 3084
Delta R.T. 0.000 min
Lab File: BP003516.D
Acq: 06 Oct 2020 08:07

Tgt Ion:240 Resp: 520819

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.8	11.6
236	26.3	20.8	31.2

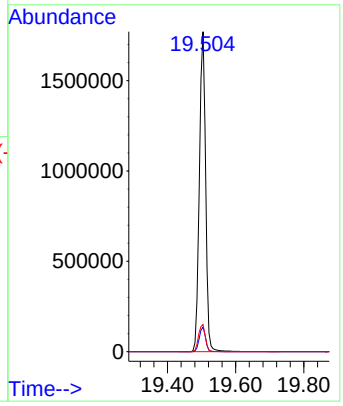


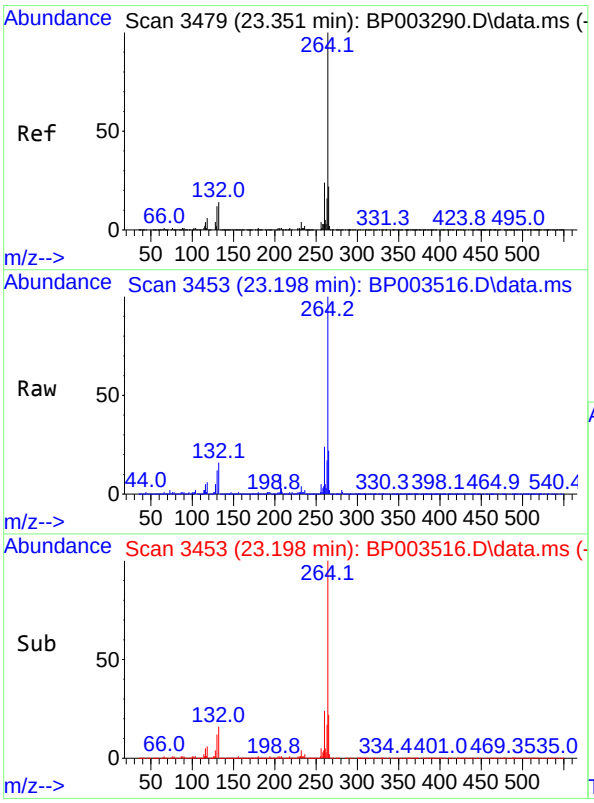


#79
Terphenyl-d14
Concen: 90.39 ng
RT: 19.504 min Scan# 2825
Delta R.T. 0.000 min
Lab File: BP003516.D
Acq: 06 Oct 2020 08:07

Tgt Ion:244 Resp: 2259465

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	8.5	7.8	11.8

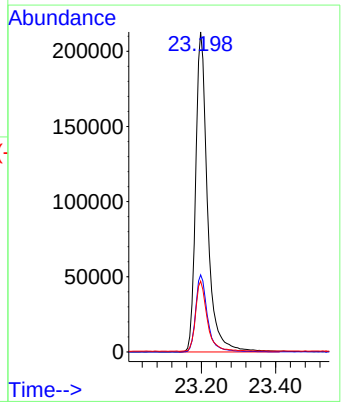




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.198 min Scan# 3453
Delta R.T. 0.000 min
Lab File: BP003516.D
Acq: 06 Oct 2020 08:07

Tgt Ion:264 Resp: 472980

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	22.1	17.4	26.2



Instrument :
BNA_P
ClientSampleId :
PAV-B18-092920-0-10