Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092320\
Data File : BP003356.D
Acq On : 23 Sep 2020 14:23
Operator : CG/JU
Sample : L4106-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GLOUCESTER-SP

Quant Time: Sep 23 15:18:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 12:48:08 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	185265	20.00	ng	-0.05
21) Naphthalene-d8	10.340	136	760671	20.00	ng	#-0.06
39) Acenaphthene-d10	14.210	164	483798	20.00	ng	-0.05
64) Phenanthrene-d10	16.969	188	1010513	20.00	ng	-0.05
76) Chrysene-d12	21.063	240	1074280	20.00	ng	-0.05
86) Perylene-d12	23.257	264	1038089	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	1038338	97.86	ng	-0.05
7) Phenol-d6	6.769	99	1321134	93.42	ng	-0.04
23) Nitrobenzene-d5	8.716	82	869607	67.16	ng	-0.05
42) 2,4,6-Tribromophenol	15.716	330	662786	89.82	ng	-0.05
45) 2-Fluorobiphenyl	12.834	172	2126797	64.29	ng	-0.05
79) Terphenyl-d14	19.551	244	3073234	59.61	ng	-0.04
Target Compounds						Qvalue
50) Dimethylphthalate	13.675	163	301945	7.82	ng	99

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

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Data File : BP003356.D
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Sample : L4106-01
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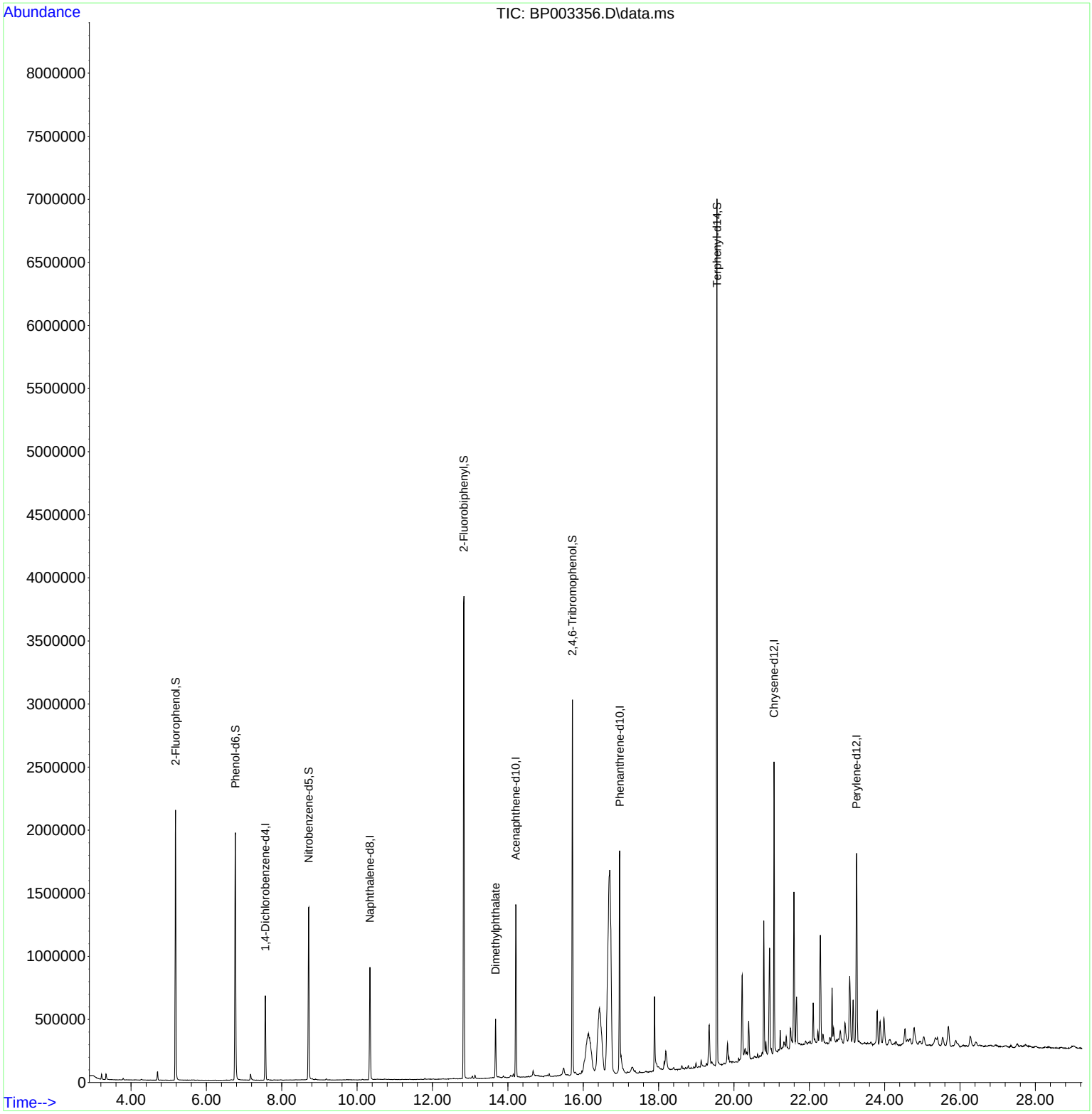
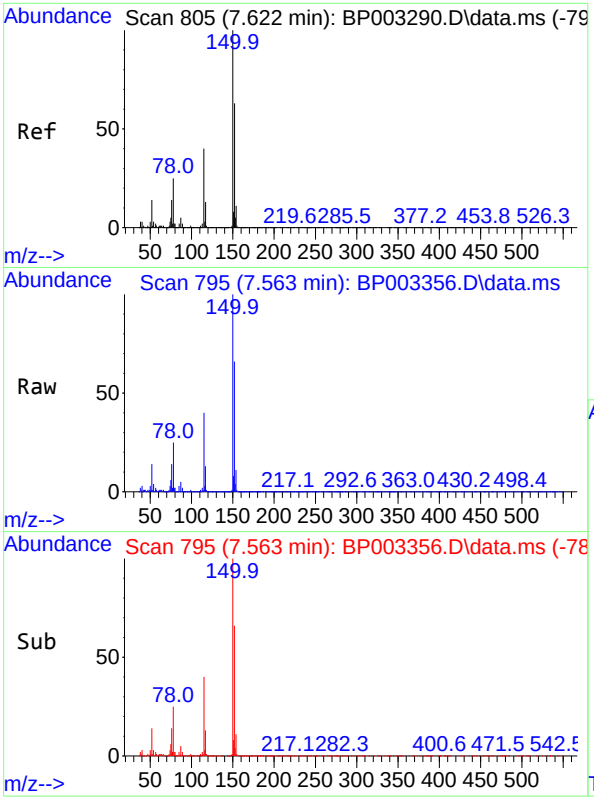


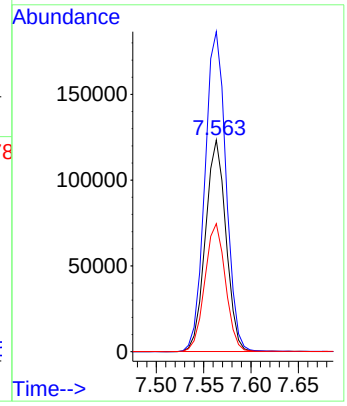
Instrument :
BNA_P
ClientSampleId :
GLOUCESTER-SP

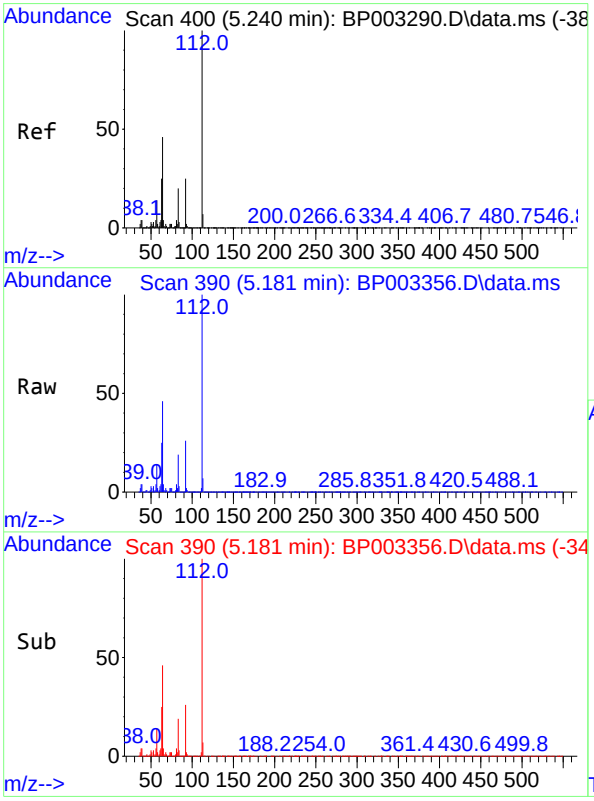


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.563 min Scan# 795
Delta R.T. -0.053 min
Lab File: BP003356.D
Acq: 23 Sep 2020 14:23

Tgt Ion:152 Resp: 185265

Ion	Ratio	Lower	Upper
152	100		
150	151.1	123.8	185.6
115	60.4	43.8	65.6

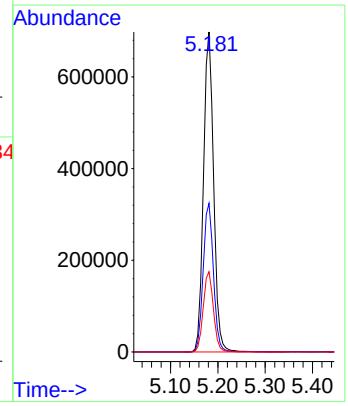


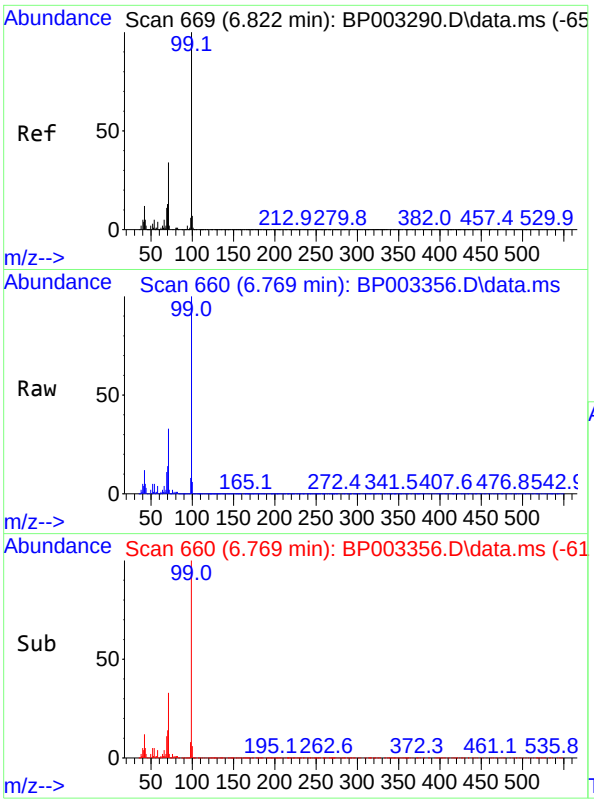


#5
2-Fluorophenol
Concen: 97.86 ng
RT: 5.181 min Scan# 390
Delta R.T. -0.047 min
Lab File: BP003356.D
Acq: 23 Sep 2020 14:23

Tgt Ion:112 Resp: 1038338

Ion	Ratio	Lower	Upper
112	100		
64	46.5	32.8	49.2
63	25.1	17.0	25.4

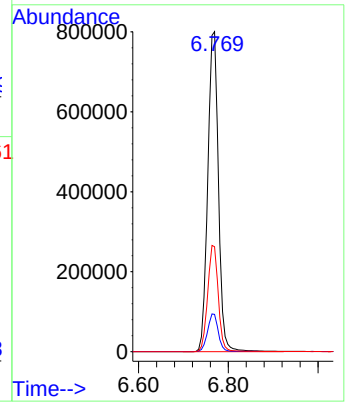




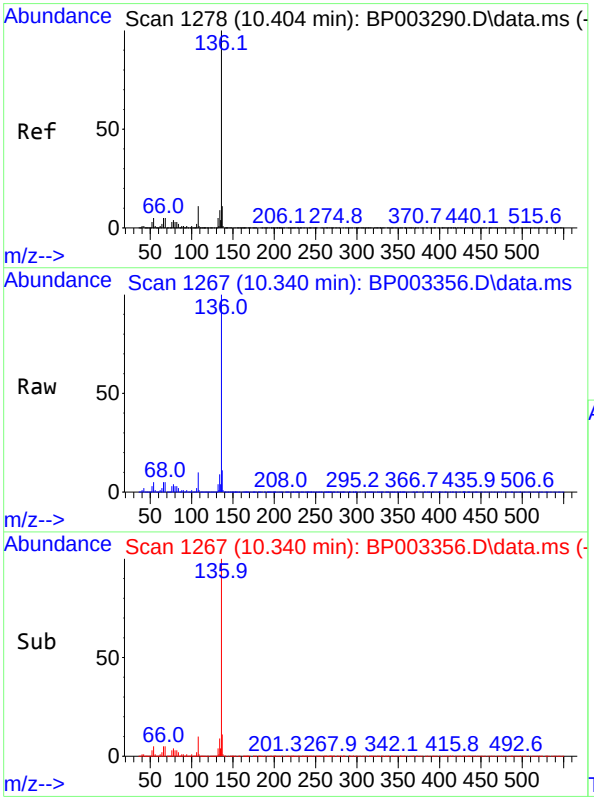
#7
Phenol-d6
Concen: 93.42 ng
RT: 6.769 min Scan# 660
Delta R.T. -0.041 min
Lab File: BP003356.D
Acq: 23 Sep 2020 14:23

Tgt Ion: 99 Resp: 1321134

Ion	Ratio	Lower	Upper
99	100		
42	11.6	8.6	13.0
71	32.8	23.4	35.2



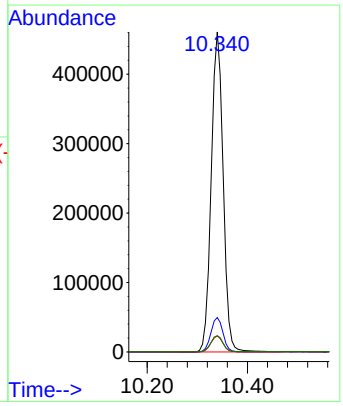
Instrument :
BNA_P
ClientSampleId :
GLOUCESTER-SP

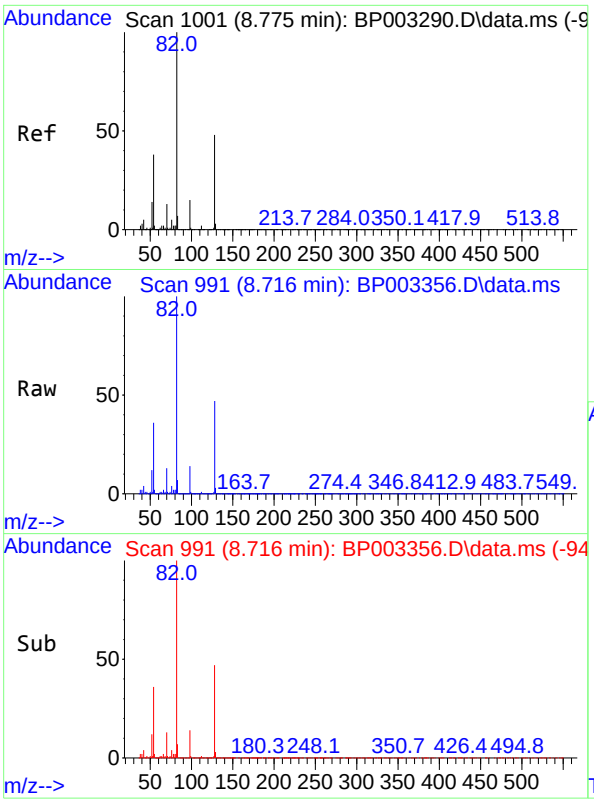


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.340 min Scan# 1267
Delta R.T. -0.059 min
Lab File: BP003356.D
Acq: 23 Sep 2020 14:23

Tgt Ion:136 Resp: 760671

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	5.1	3.6	5.4
68	5.1	3.3	4.9#

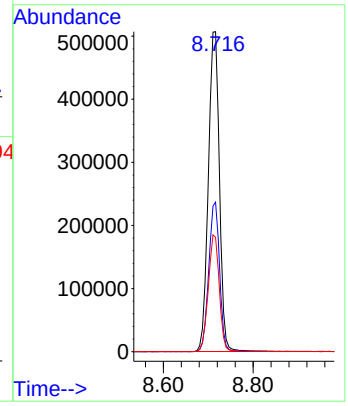




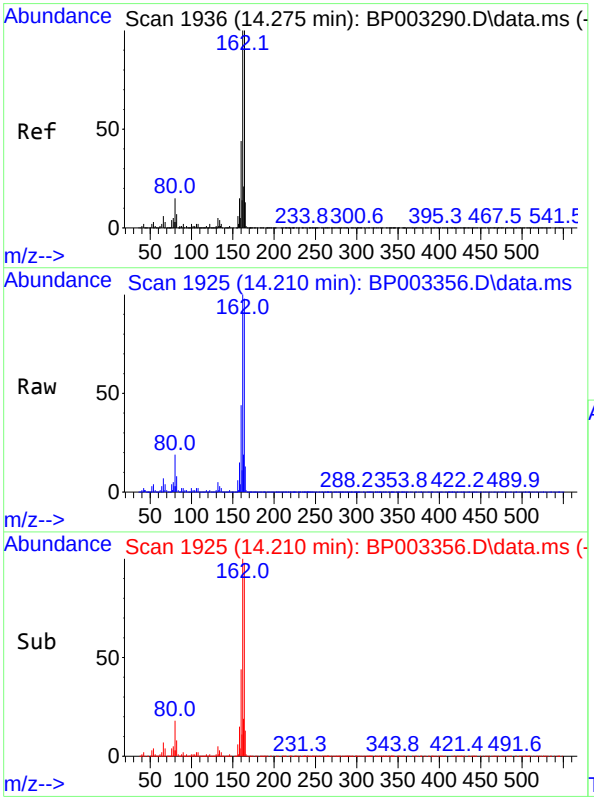
#23
Nitrobenzene-d5
Concen: 67.16 ng
RT: 8.716 min Scan# 991
Delta R.T. -0.053 min
Lab File: BP003356.D
Acq: 23 Sep 2020 14:23

Tgt Ion: 82 Resp: 869607

Ion	Ratio	Lower	Upper
82	100		
128	46.8	45.6	68.4
54	35.7	30.1	45.1



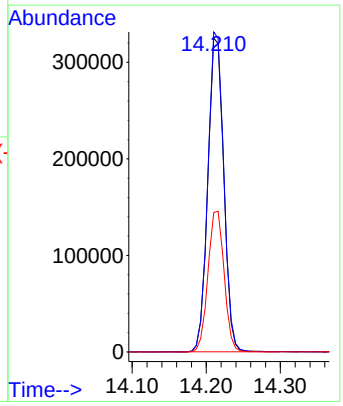
Instrument :
BNA_P
ClientSampleId :
GLOUCESTER-SP



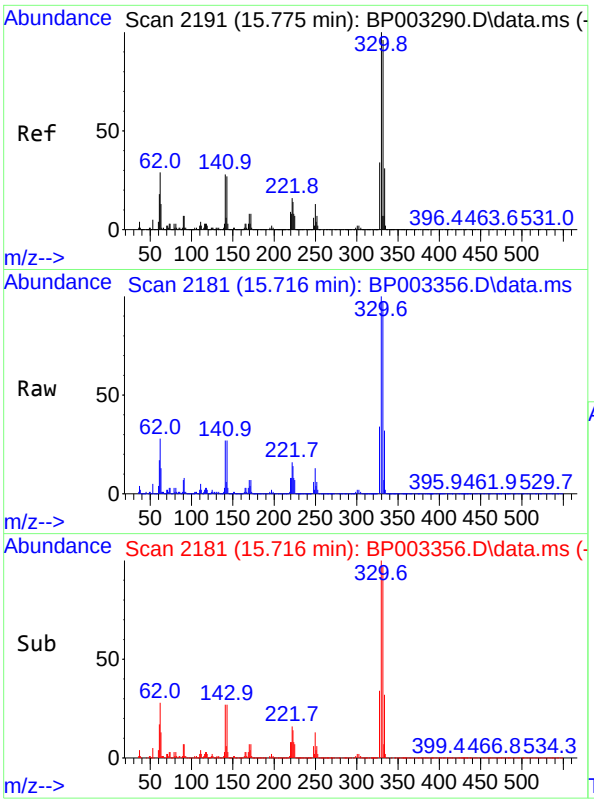
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.210 min Scan# 1925
Delta R.T. -0.053 min
Lab File: BP003356.D
Acq: 23 Sep 2020 14:23

Tgt Ion:164 Resp: 483798

Ion	Ratio	Lower	Upper
164	100		
162	101.9	79.4	119.2
160	44.4	36.1	54.1



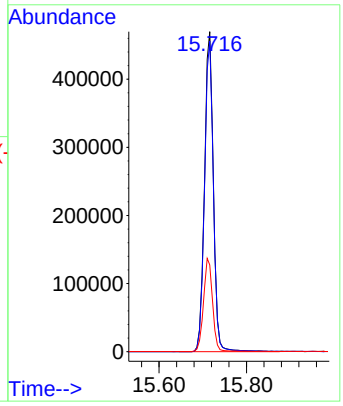
Instrument :
BNA_P
ClientSampleId :
GLOUCESTER-SP

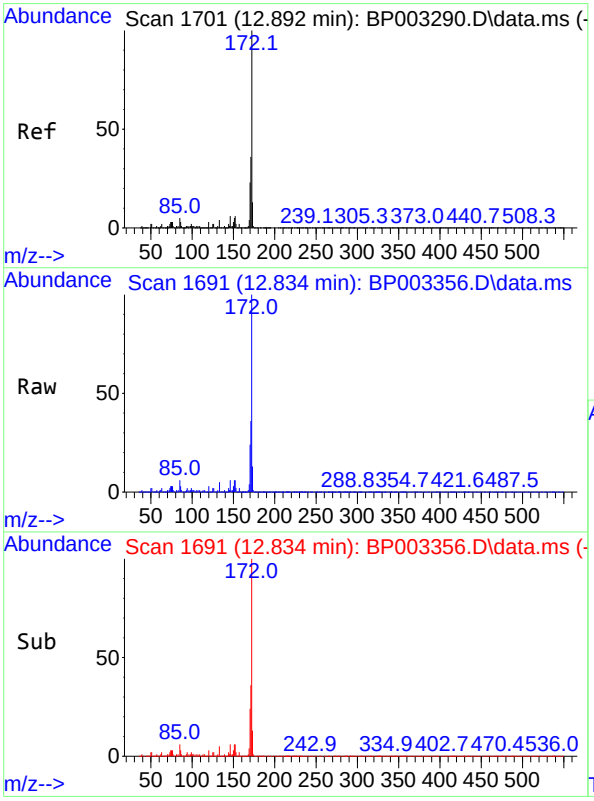


#42
2,4,6-Tribromophenol
Concen: 89.82 ng
RT: 15.716 min Scan# 2181
Delta R.T. -0.047 min
Lab File: BP003356.D
Acq: 23 Sep 2020 14:23

Tgt Ion:330 Resp: 662786

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	29.6	23.4	35.2

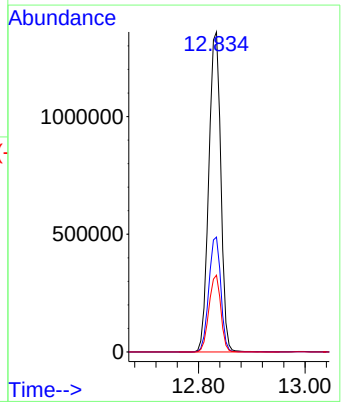




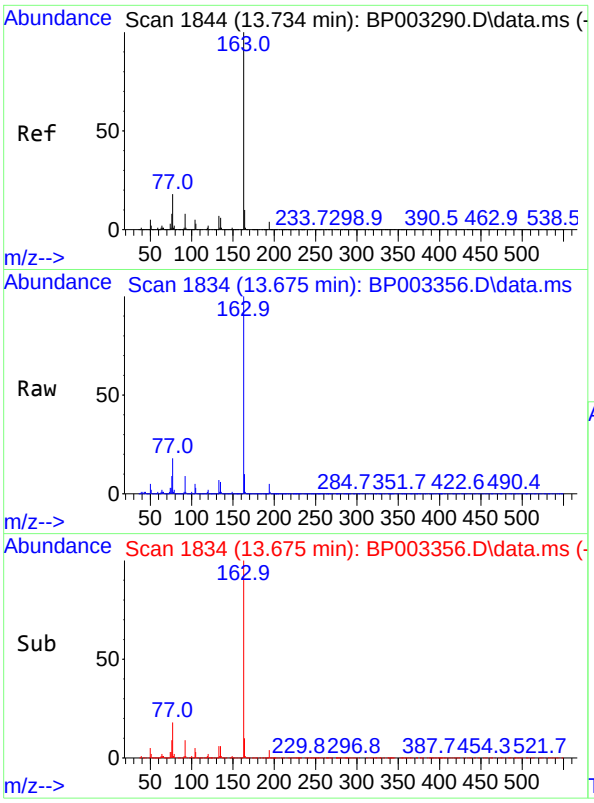
#45
2-Fluorobiphenyl
Concen: 64.29 ng
RT: 12.834 min Scan# 1691
Delta R.T. -0.047 min
Lab File: BP003356.D
Acq: 23 Sep 2020 14:23

Tgt Ion:172 Resp: 2126797

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	24.0	19.2	28.8



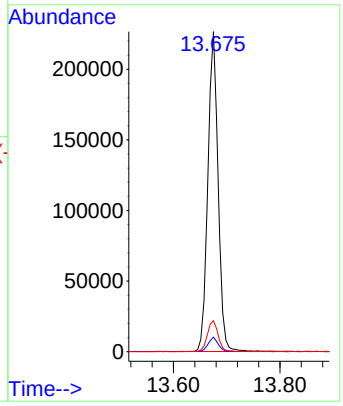
Instrument :
BNA_P
ClientSampleId :
GLOUCESTER-SP

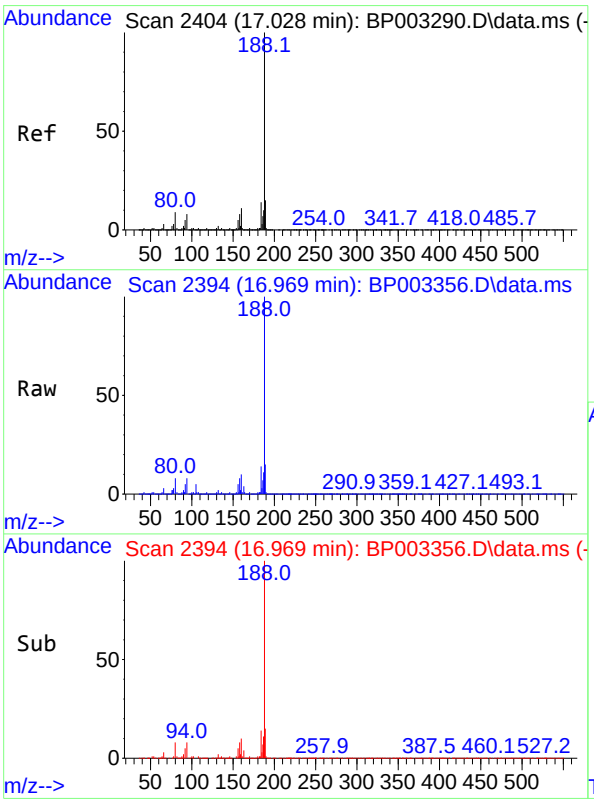


#50
Dimethylphthalate
Concen: 7.82 ng
RT: 13.675 min Scan# 1834
Delta R.T. -0.053 min
Lab File: BP003356.D
Acq: 23 Sep 2020 14:23

Tgt Ion:163 Resp: 301945

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.3	4.9
164	9.7	8.2	12.2

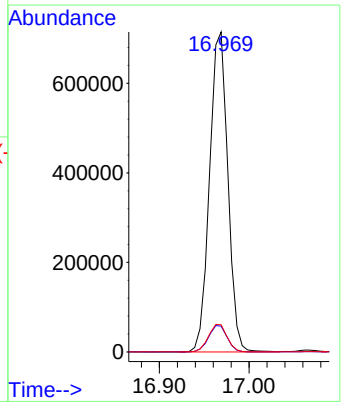


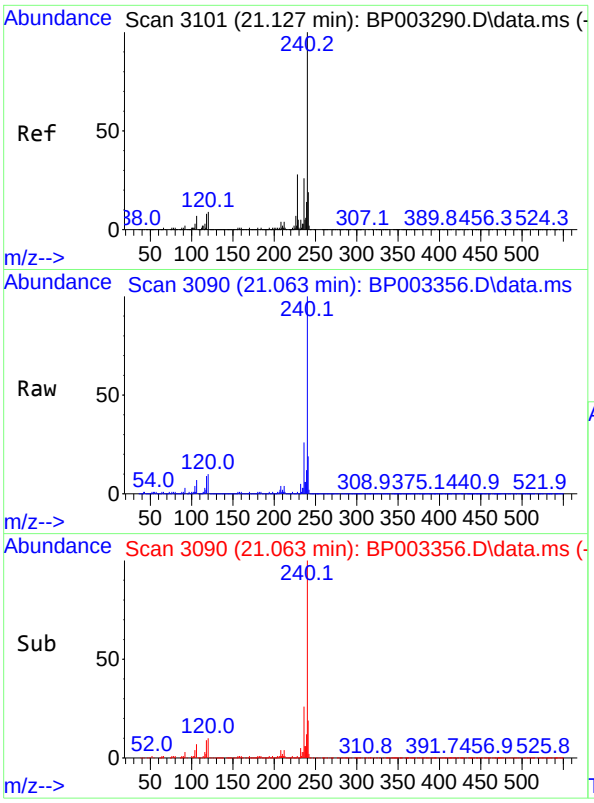


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.969 min Scan# 2394
Delta R.T. -0.047 min
Lab File: BP003356.D
Acq: 23 Sep 2020 14:23

Tgt Ion:188 Resp: 1010513

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.2	9.2
80	8.5	6.2	9.2

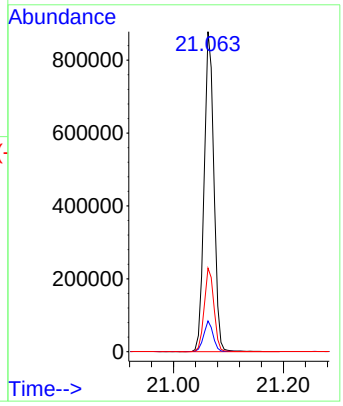




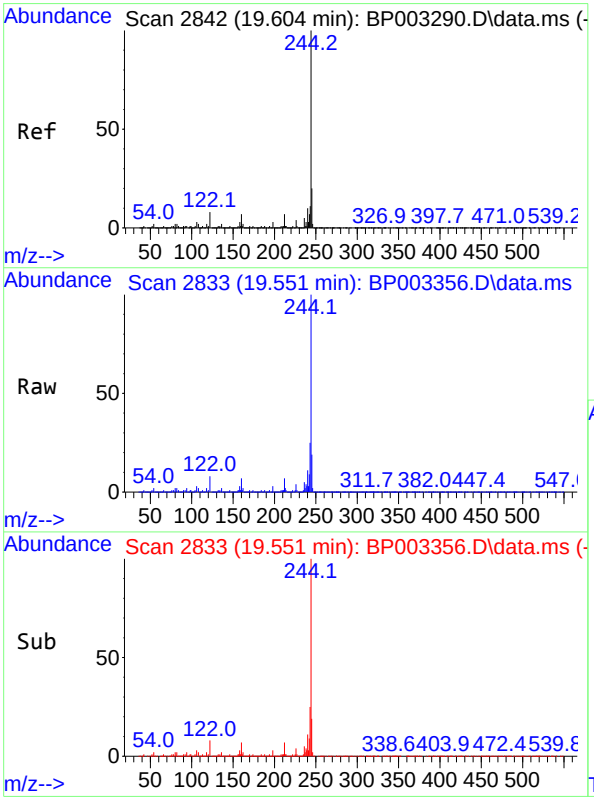
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.063 min Scan# 3090
Delta R.T. -0.047 min
Lab File: BP003356.D
Acq: 23 Sep 2020 14:23

Tgt Ion:240 Resp: 1074280

Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.8	11.6
236	26.1	20.8	31.2



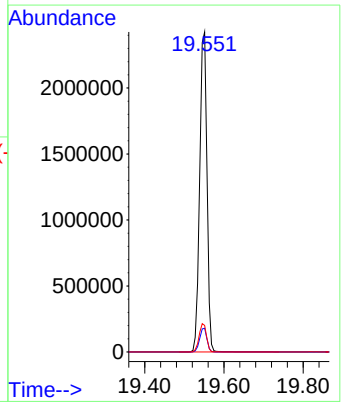
Instrument :
BNA_P
ClientSampleId :
GLOUCESTER-SP

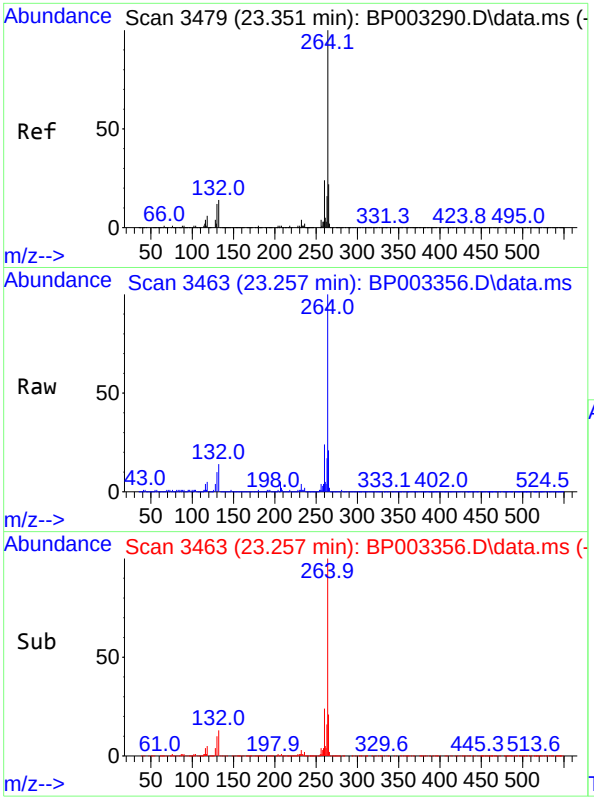


#79
Terphenyl-d14
Concen: 59.61 ng
RT: 19.551 min Scan# 2833
Delta R.T. -0.041 min
Lab File: BP003356.D
Acq: 23 Sep 2020 14:23

Tgt Ion:244 Resp: 3073234

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	8.3	7.8	11.8

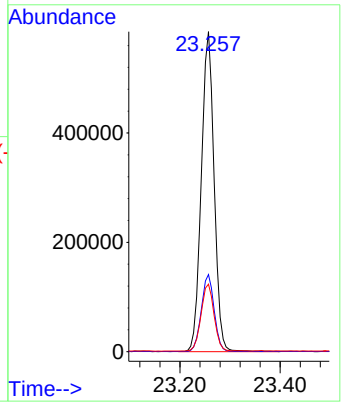




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.257 min Scan# 3463
Delta R.T. -0.070 min
Lab File: BP003356.D
Acq: 23 Sep 2020 14:23

Tgt Ion:264 Resp: 1038089

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	21.1	17.4	26.2



Instrument :
BNA_P
ClientSampleId :
GLOUCESTER-SP