Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092520\
Data File : BP003382.D
Acq On : 25 Sep 2020 15:35
Operator : CG/JU
Sample : L4113-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : KTS-WC-S-0102-0-92

Quant Time: Sep 25 16:45:40 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	142093	20.00	ng	0.00
21) Naphthalene-d8	10.340	136	514006	20.00	ng	# 0.00
39) Acenaphthene-d10	14.216	164	258165	20.00	ng	0.00
64) Phenanthrene-d10	16.969	188	504230	20.00	ng	# 0.00
76) Chrysene-d12	21.069	240	552345	20.00	ng	0.00
86) Perylene-d12	23.269	264	594674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	1076538	132.29	ng	0.00
7) Phenol-d6	6.769	99	1202776	110.89	ng	0.00
23) Nitrobenzene-d5	8.716	82	960755	109.81	ng	0.00
42) 2,4,6-Tribromophenol	15.716	330	458259	116.38	ng	0.00
45) 2-Fluorobiphenyl	12.834	172	1898883	107.57	ng	0.00
79) Terphenyl-d14	19.551	244	2427268	91.56	ng	0.00
Target Compounds						Qvalue

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

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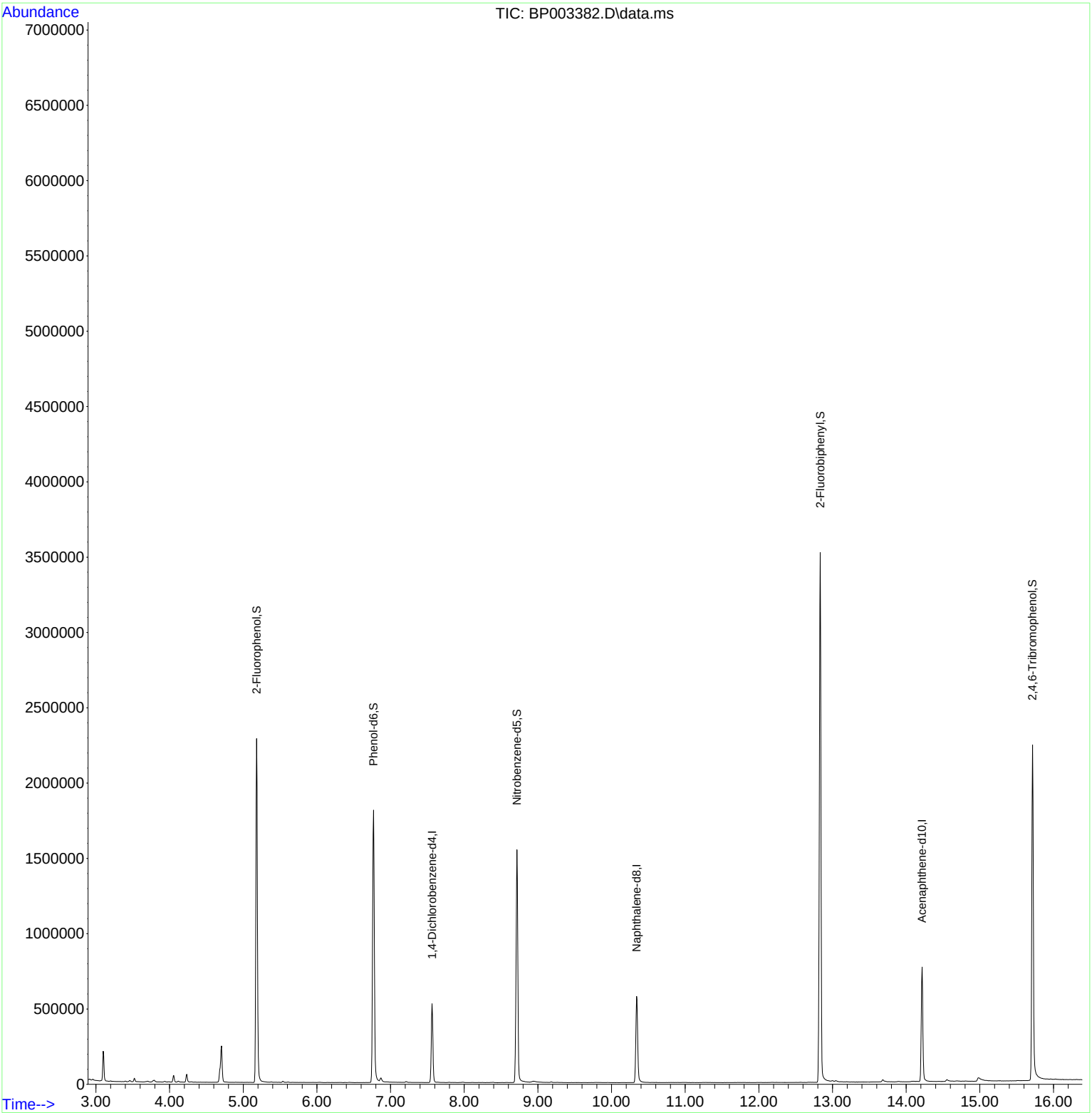

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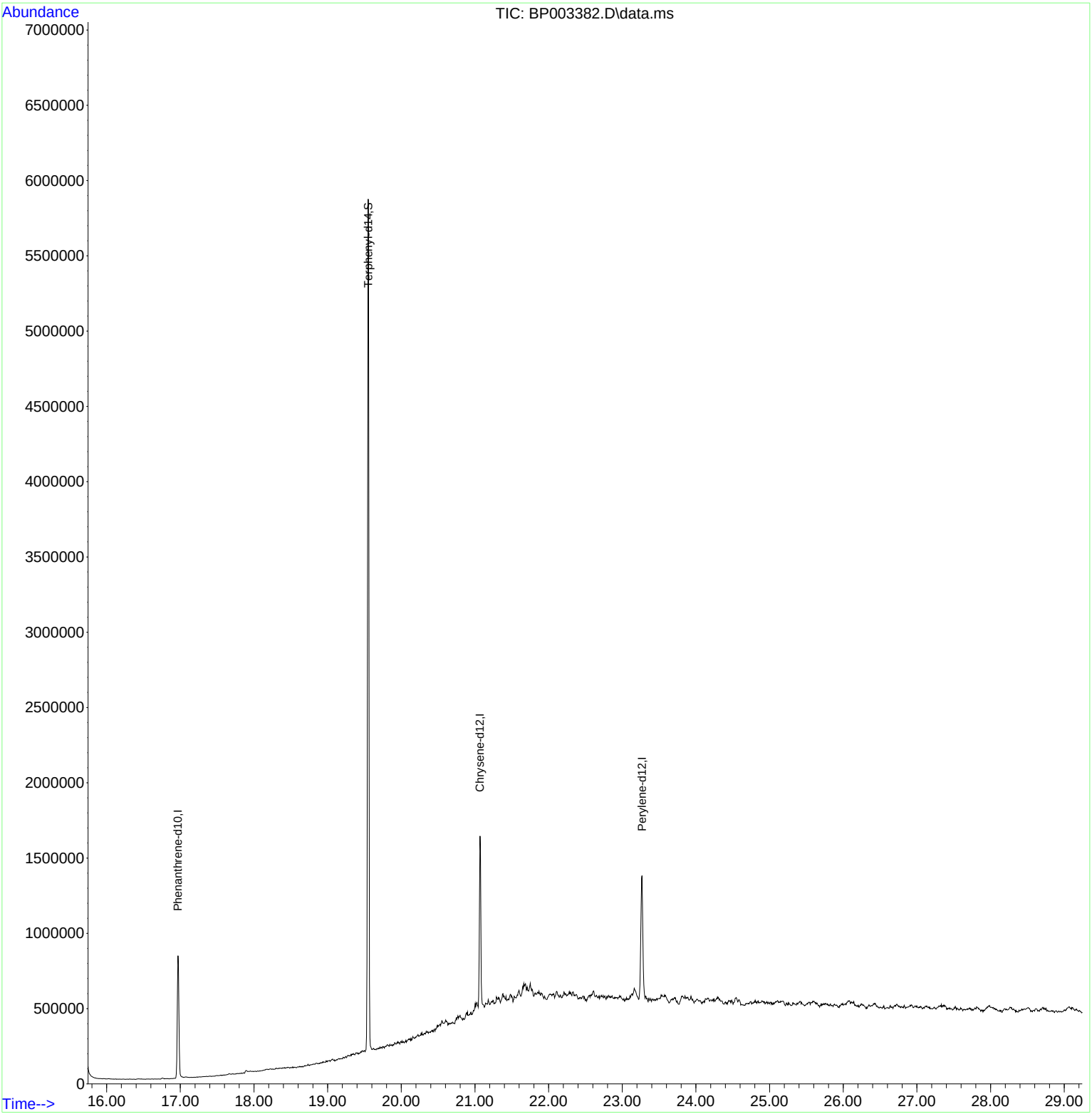
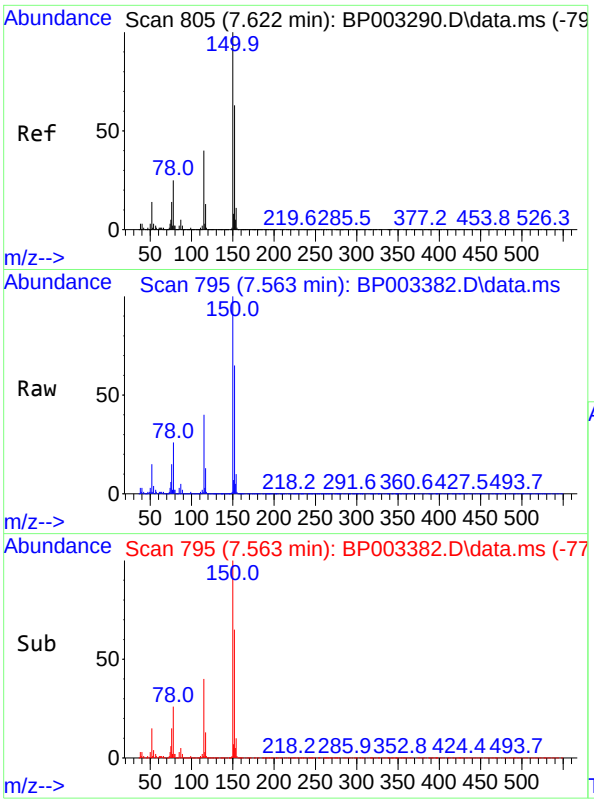


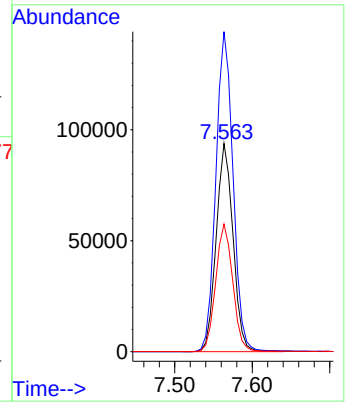
Instrument :
BNA_P
ClientSampleId :
KTS-WC-S-0102-0-92

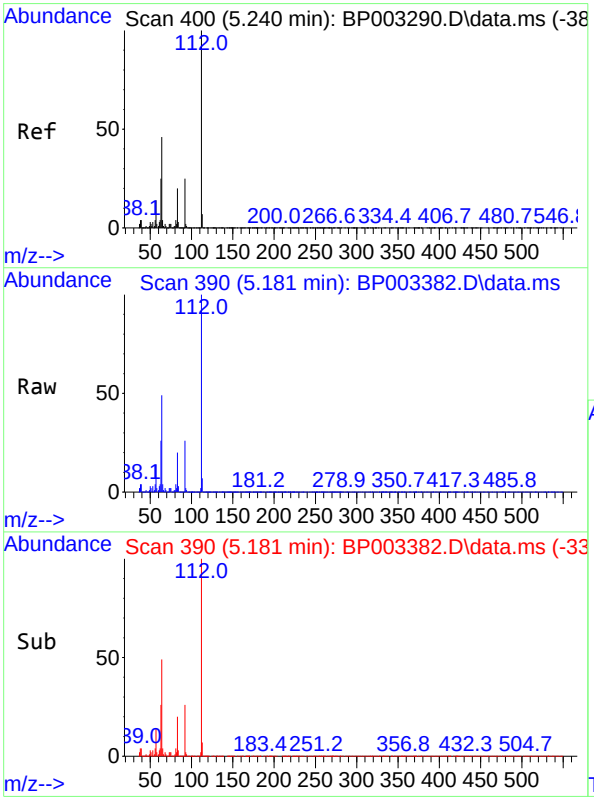


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.563 min Scan# 795
Delta R.T. -0.006 min
Lab File: BP003382.D
Acq: 25 Sep 2020 15:35

Tgt Ion:152 Resp: 142093

Ion	Ratio	Lower	Upper
152	100		
150	153.7	123.8	185.6
115	61.2	43.8	65.6

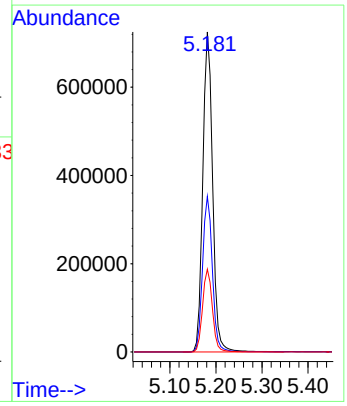




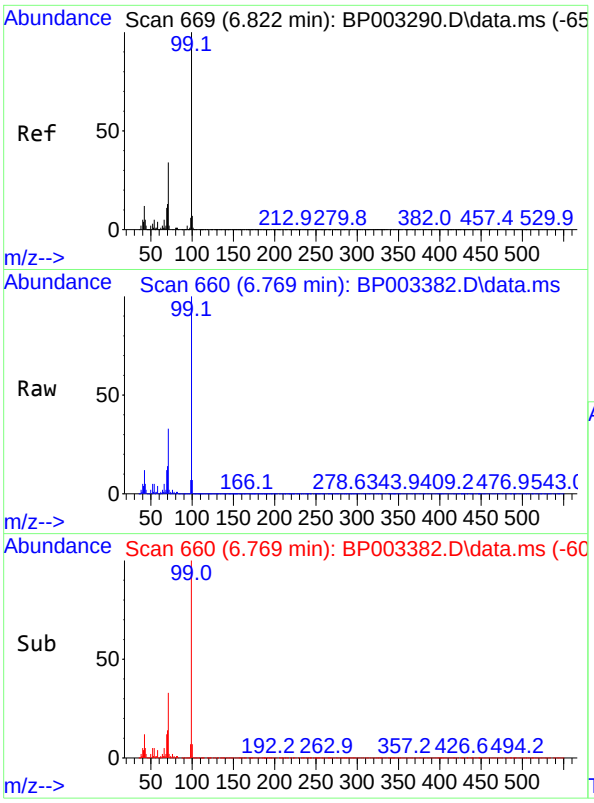
#5
2-Fluorophenol
Concen: 132.29 ng
RT: 5.181 min Scan# 390
Delta R.T. 0.000 min
Lab File: BP003382.D
Acq: 25 Sep 2020 15:35

Tgt Ion:112 Resp: 1076538

Ion	Ratio	Lower	Upper
112	100		
64	48.6	32.8	49.2
63	25.9	17.0	25.4#



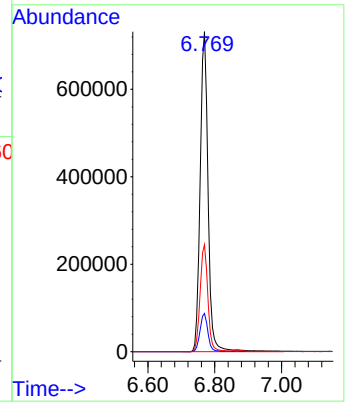
Instrument :
BNA_P
ClientSampleId :
KTS-WC-S-0102-0-92

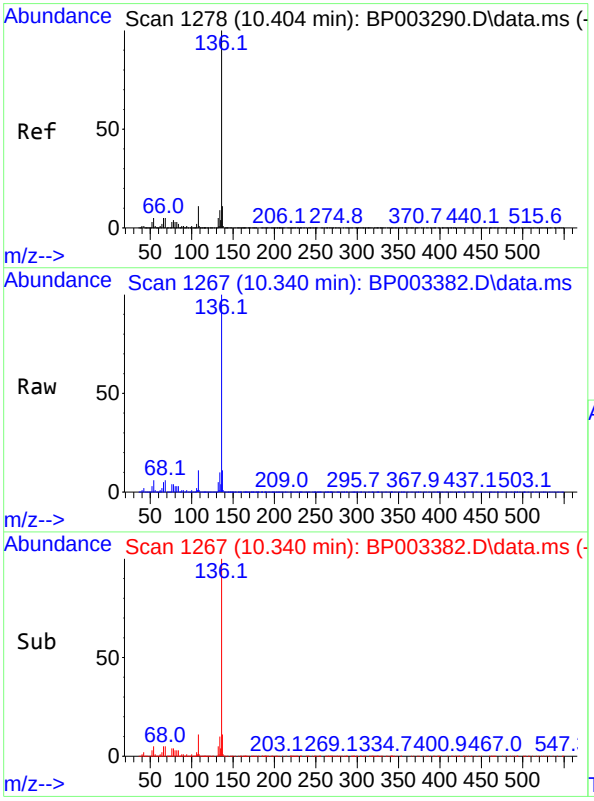


#7
Phenol-d6
Concen: 110.89 ng
RT: 6.769 min Scan# 660
Delta R.T. 0.000 min
Lab File: BP003382.D
Acq: 25 Sep 2020 15:35

Tgt Ion: 99 Resp: 1202776

Ion	Ratio	Lower	Upper
99	100		
42	11.9	8.6	13.0
71	33.4	23.4	35.2

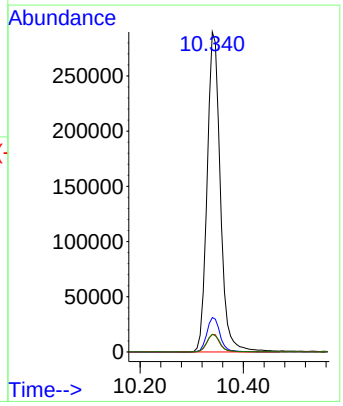




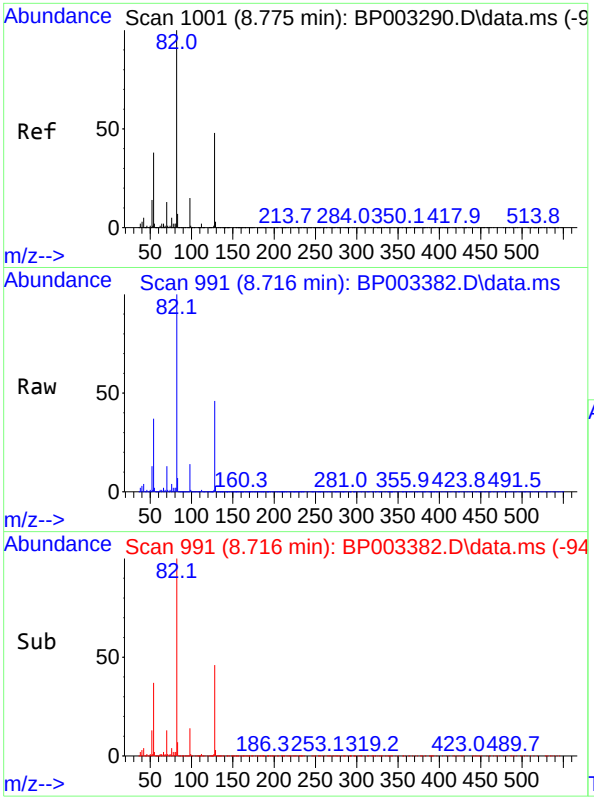
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.340 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BP003382.D
Acq: 25 Sep 2020 15:35

Tgt Ion:136 Resp: 514006

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	5.5	3.6	5.4#
68	5.5	3.3	4.9#



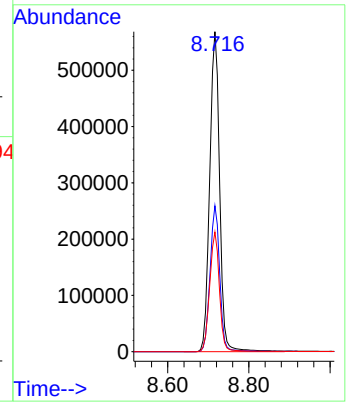
Instrument :
BNA_P
ClientSampleId :
KTS-WC-S-0102-0-92

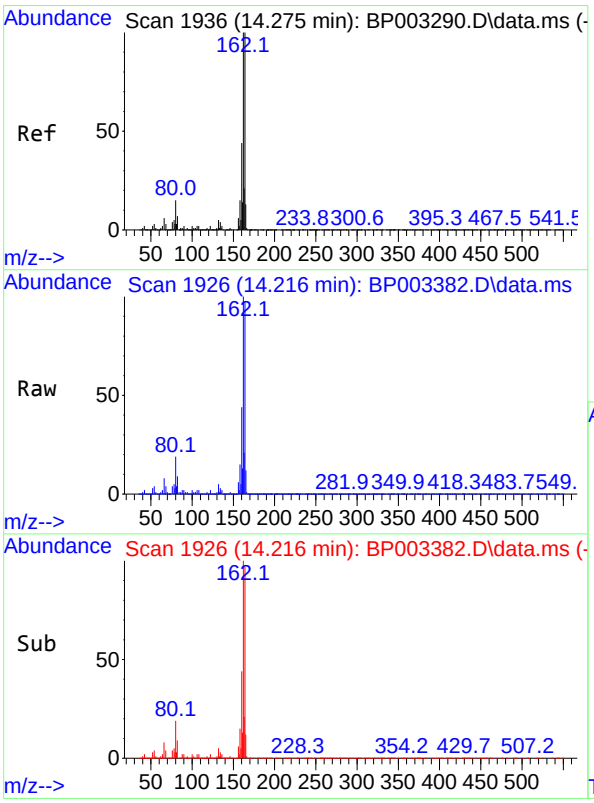


#23
Nitrobenzene-d5
Concen: 109.81 ng
RT: 8.716 min Scan# 991
Delta R.T. -0.006 min
Lab File: BP003382.D
Acq: 25 Sep 2020 15:35

Tgt Ion: 82 Resp: 960755

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

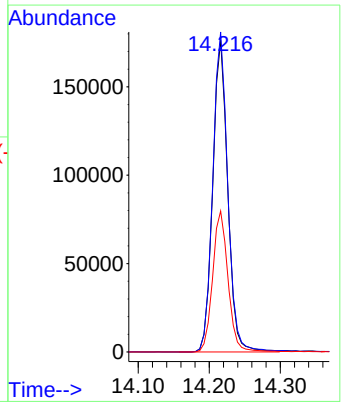




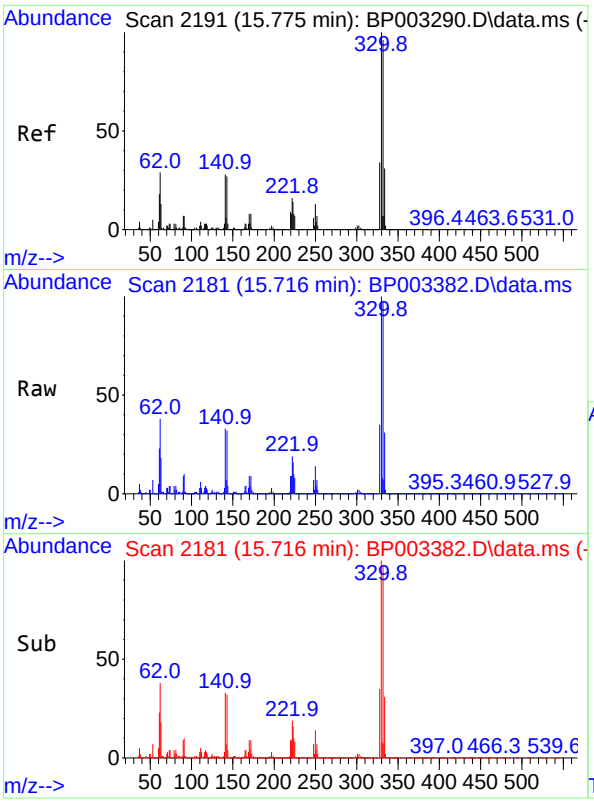
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.216 min Scan# 1926
Delta R.T. -0.006 min
Lab File: BP003382.D
Acq: 25 Sep 2020 15:35

Tgt Ion:164 Resp: 258165

Ion	Ratio	Lower	Upper
164	100		
162	102.7	79.4	119.2
160	45.2	36.1	54.1



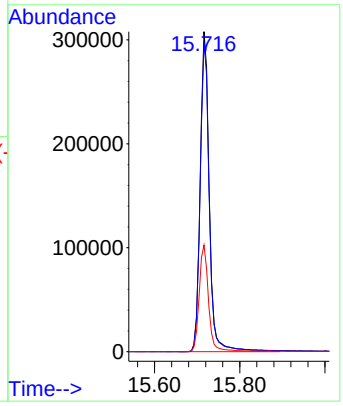
Instrument :
BNA_P
ClientSampleId :
KTS-WC-S-0102-0-92

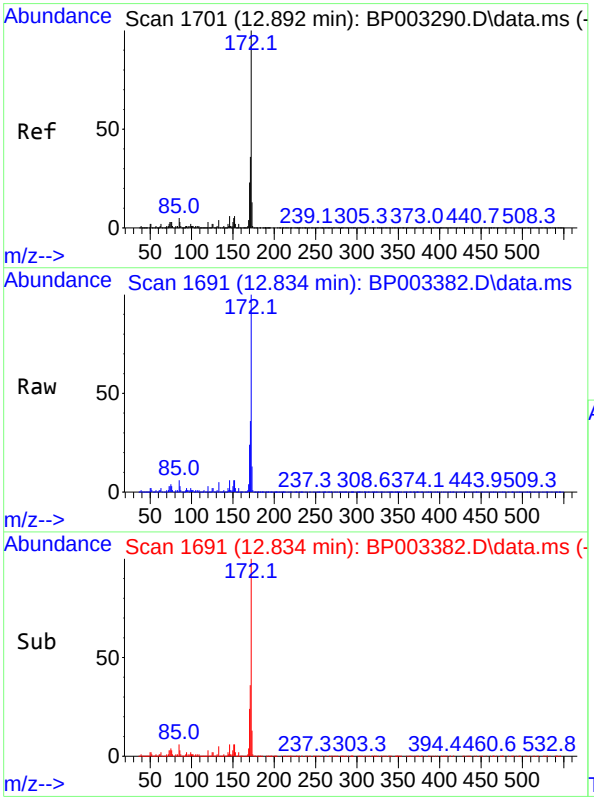


#42
2,4,6-Tribromophenol
Concen: 116.38 ng
RT: 15.716 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BP003382.D
Acq: 25 Sep 2020 15:35

Tgt Ion:330 Resp: 458259

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.1	115.7
141	34.0	23.4	35.2

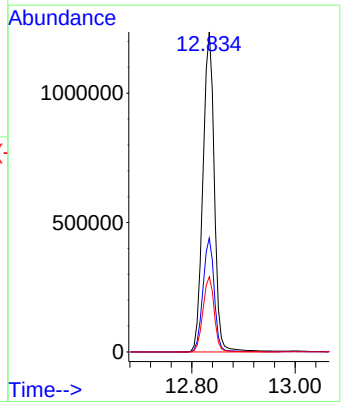




#45
2-Fluorobiphenyl
Concen: 107.57 ng
RT: 12.834 min Scan# 1691
Delta R.T. -0.006 min
Lab File: BP003382.D
Acq: 25 Sep 2020 15:35

Tgt Ion:172 Resp: 1898883

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	23.5	19.2	28.8



Instrument :
BNA_P
ClientSampleId :
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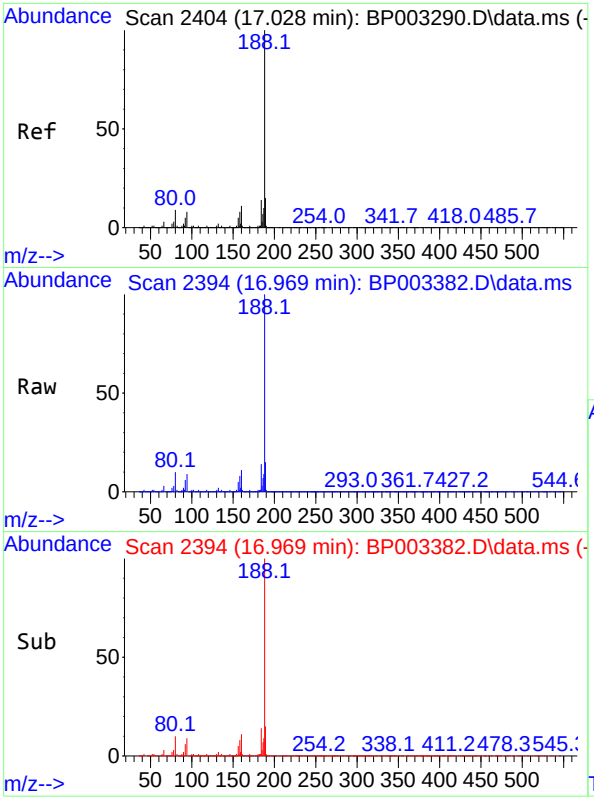
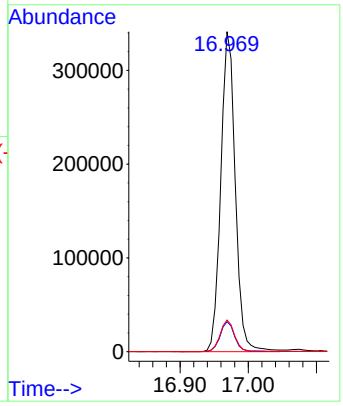
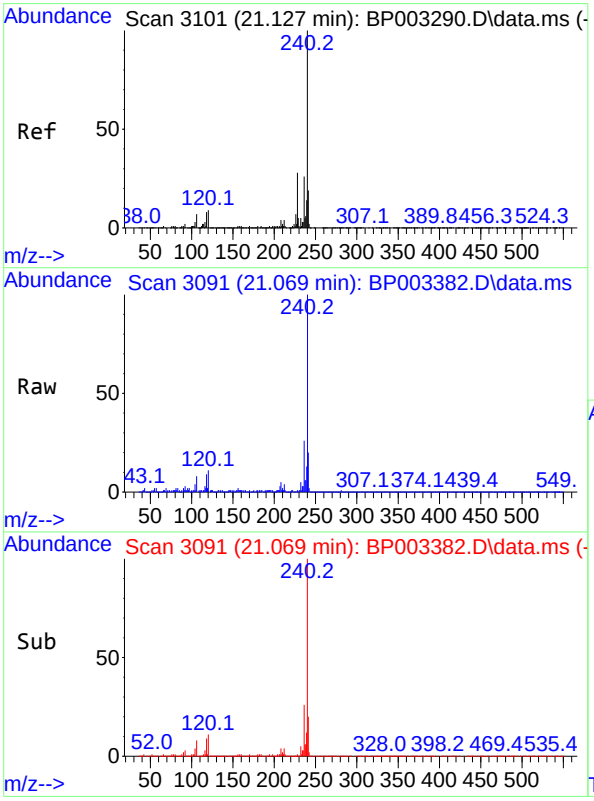


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.969 min Scan# 2394
Delta R.T. -0.006 min
Lab File: BP003382.D
Acq: 25 Sep 2020 15:35

Tgt Ion:188 Resp: 504230

Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.2	9.2#
80	9.9	6.2	9.2#

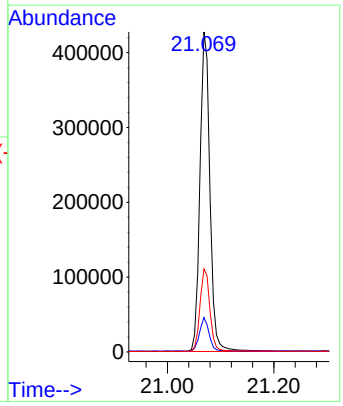




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.069 min Scan# 3091
Delta R.T. 0.000 min
Lab File: BP003382.D
Acq: 25 Sep 2020 15:35

Tgt Ion:240 Resp: 552345

Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.8	11.6
236	26.0	20.8	31.2



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BNA_P
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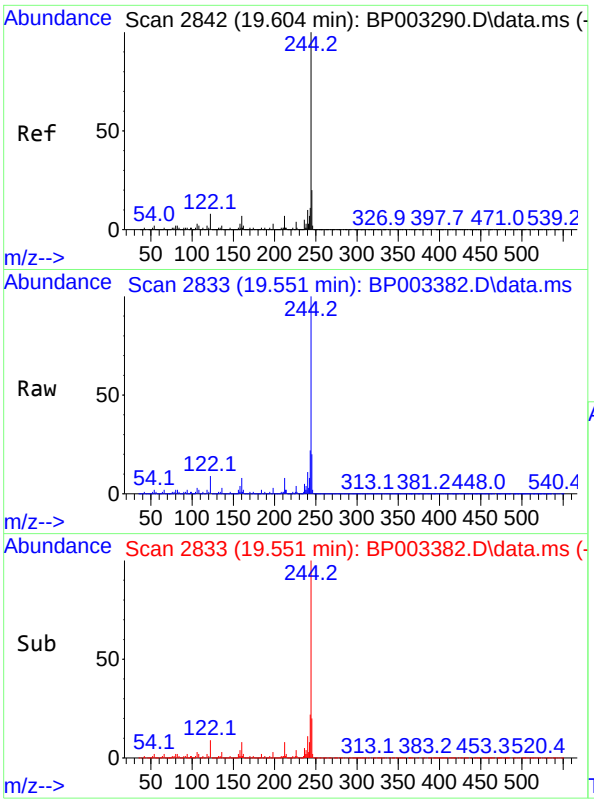
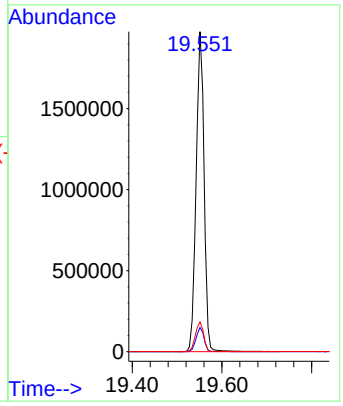
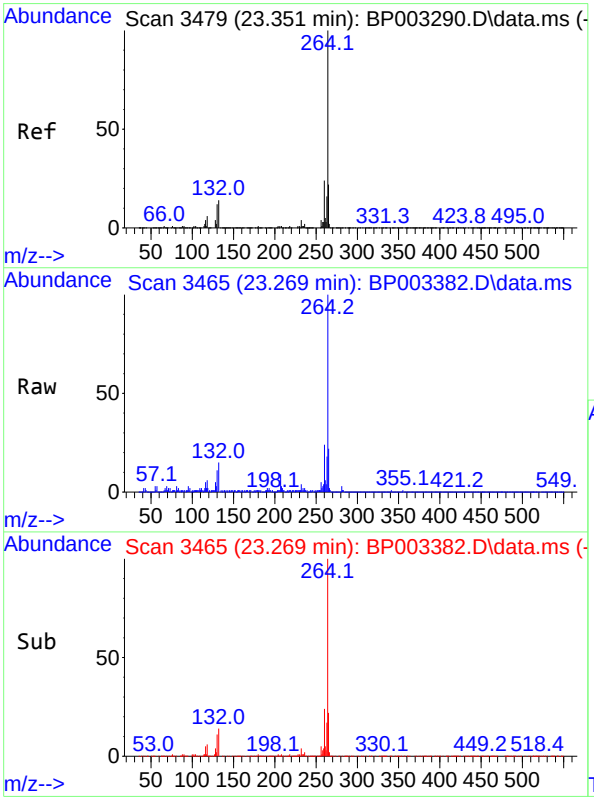


#79
Terphenyl-d14
Concen: 91.56 ng
RT: 19.551 min Scan# 2833
Delta R.T. 0.000 min
Lab File: BP003382.D
Acq: 25 Sep 2020 15:35

Tgt Ion:244 Resp: 2427268

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	9.3	7.8	11.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.269 min Scan# 3465
Delta R.T. 0.006 min
Lab File: BP003382.D
Acq: 25 Sep 2020 15:35

Tgt Ion:264 Resp: 594674

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	22.2	17.4	26.2