Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
Data File : BG046863.D
Acq On : 13 Oct 2020 5:09
Operator : CG/JU
Sample : L4339-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : QUAD-6

Quant Time: Oct 13 05:56:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 11:38:17 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	55971	20.00	ng	0.00
21) Naphthalene-d8	10.914	136	224545	20.00	ng	0.00
39) Acenaphthene-d10	14.727	164	163355	20.00	ng	0.00
64) Phenanthrene-d10	17.471	188	437508	20.00	ng	# 0.00
76) Chrysene-d12	21.742	240	439432	20.00	ng	#-0.01
86) Perylene-d12	25.009	264	473146	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	242619	69.44	ng	0.00
7) Phenol-d6	7.254	99	409975	83.19	ng	0.00
23) Nitrobenzene-d5	9.263	82	328798	77.90	ng	0.00
42) 2,4,6-Tribromophenol	16.208	330	156200	72.52	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	795592	68.95	ng	0.00
79) Terphenyl-d14	20.074	244	1406486	64.15	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.169	163	26372	2.02	ng	97

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

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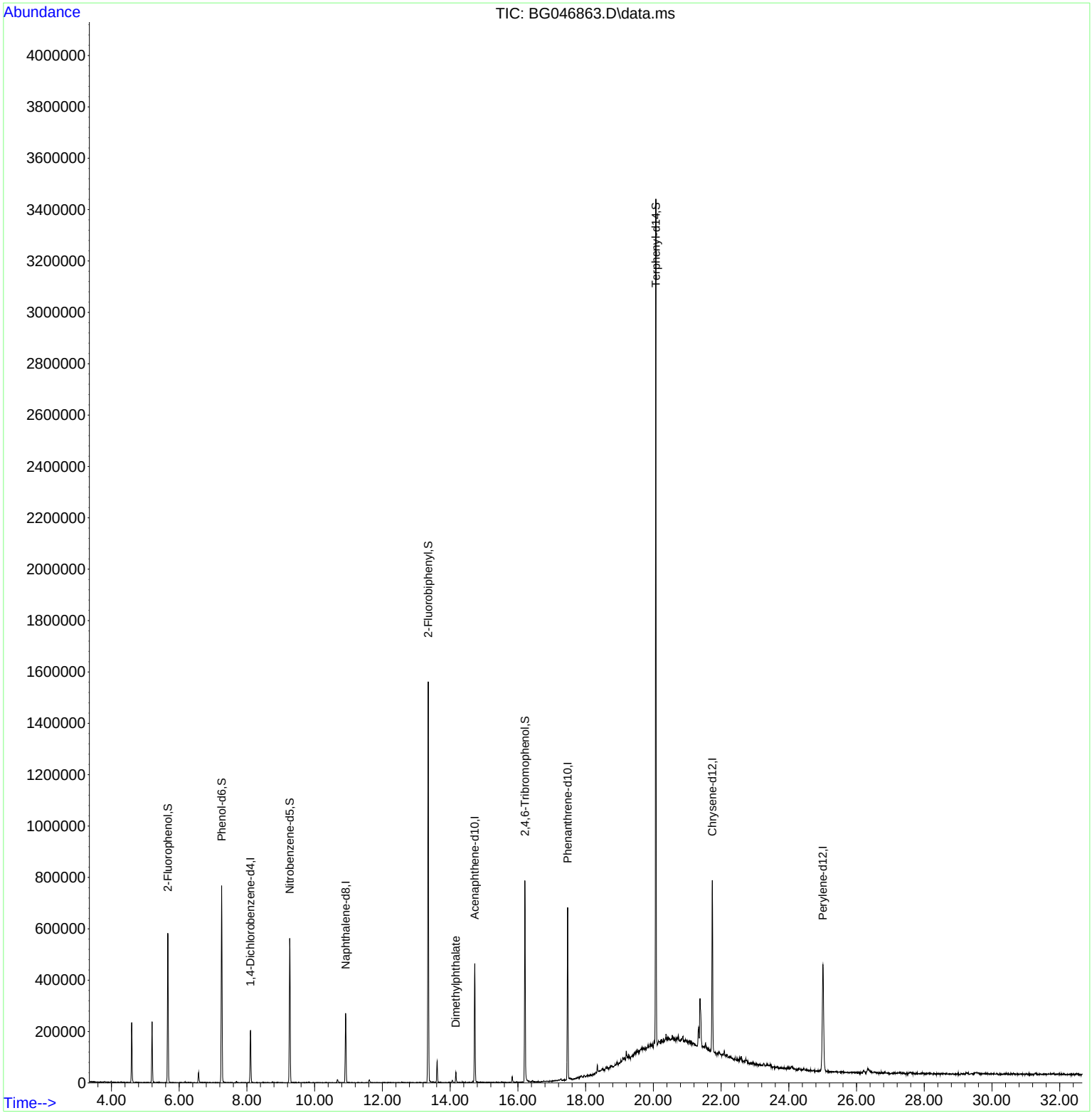

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ClientSampleId :
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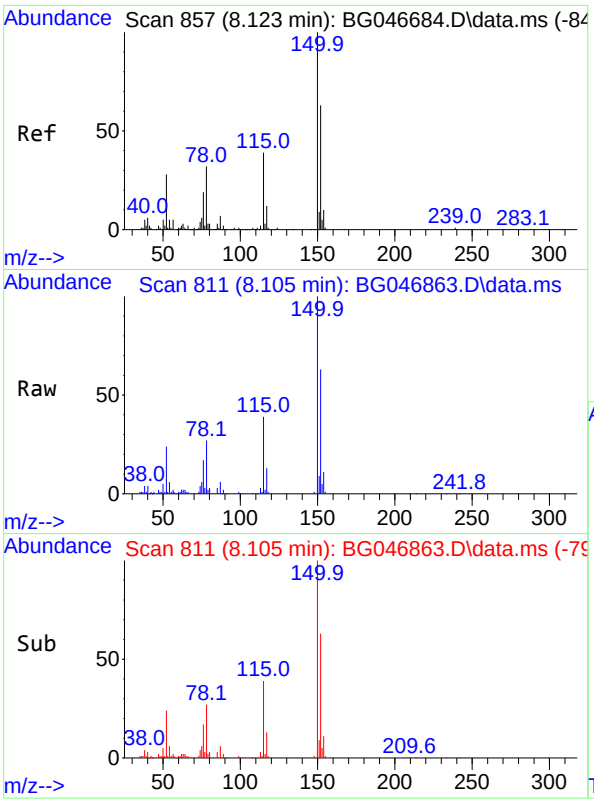
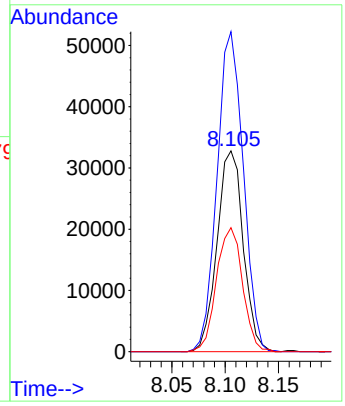
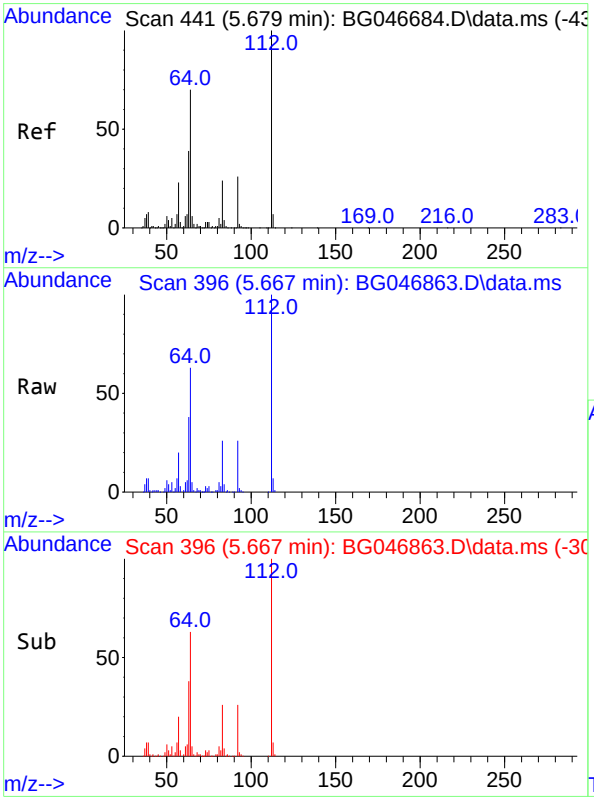


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.105 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG046863.D
Acq: 13 Oct 2020 5:09

Tgt Ion:152 Resp: 55971

Ion	Ratio	Lower	Upper
152	100		
150	159.4	125.0	187.6
115	61.8	41.8	62.6

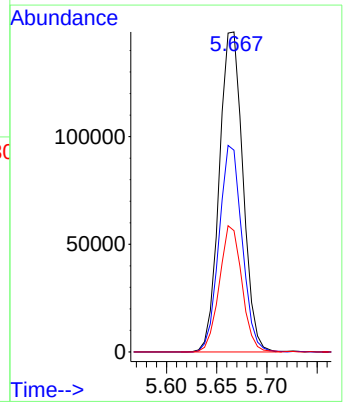


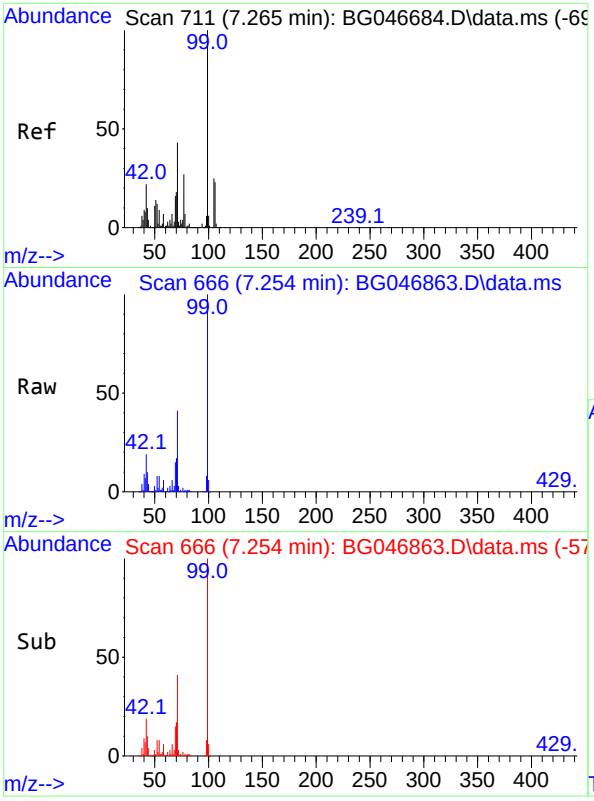


#5
2-Fluorophenol
Concen: 69.44 ng
RT: 5.667 min Scan# 396
Delta R.T. -0.002 min
Lab File: BG046863.D
Acq: 13 Oct 2020 5:09

Tgt Ion:112 Resp: 242619

Ion	Ratio	Lower	Upper
112	100		
64	63.1	46.7	70.1
63	37.9	22.8	34.2#

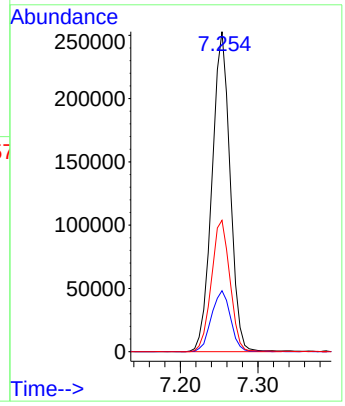




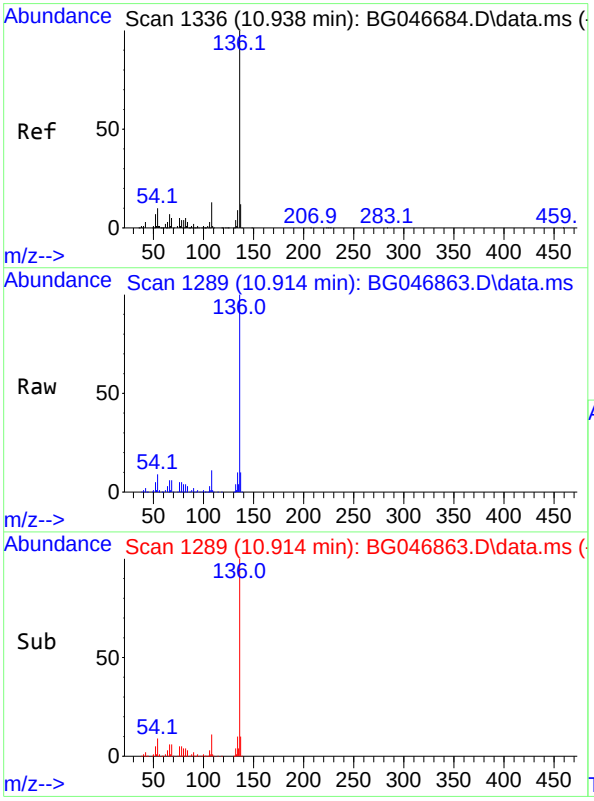
#7
Phenol-d6
Concen: 83.19 ng
RT: 7.254 min Scan# 666
Delta R.T. -0.002 min
Lab File: BG046863.D
Acq: 13 Oct 2020 5:09

Tgt Ion: 99 Resp: 409975

Ion	Ratio	Lower	Upper
99	100		
42	19.0	12.8	19.2
71	41.1	24.6	36.8#



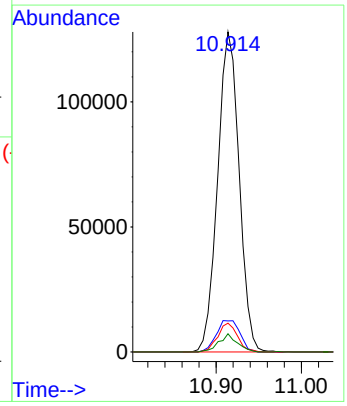
Instrument :
BNA_G
ClientSampleId :
QUAD-6



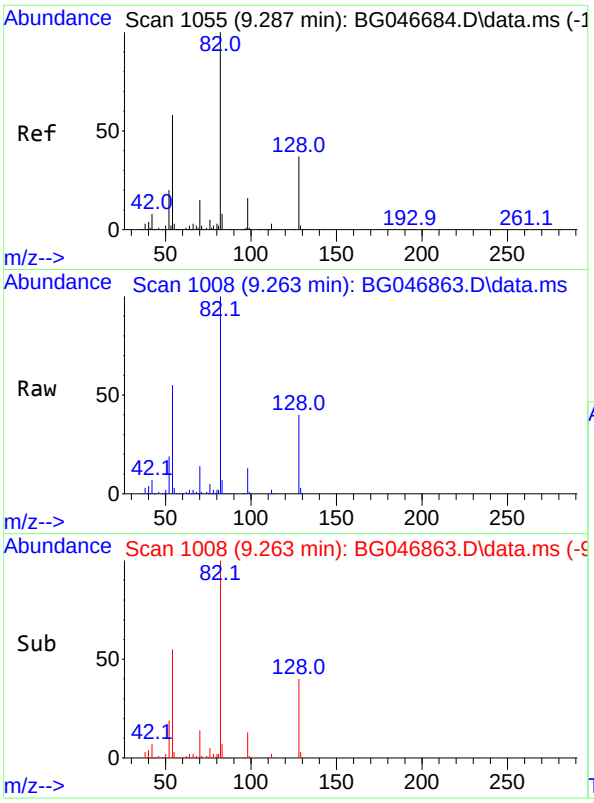
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.914 min Scan# 1289
Delta R.T. -0.008 min
Lab File: BG046863.D
Acq: 13 Oct 2020 5:09

Tgt Ion:136 Resp: 224545

Ion	Ratio	Lower	Upper
136	100		
137	9.7	9.1	13.7
54	9.0	6.2	9.4
68	5.7	5.0	7.4



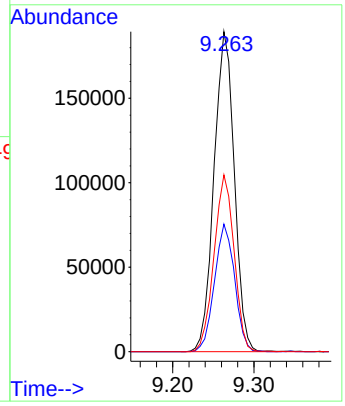
Instrument :
BNA_G
ClientSampleId :
QUAD-6

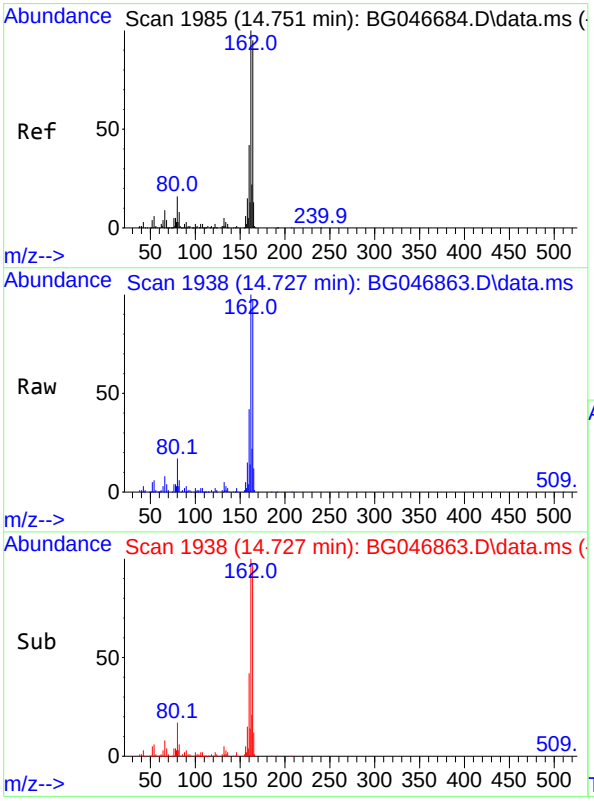


#23
Nitrobenzene-d5
Concen: 77.90 ng
RT: 9.263 min Scan# 1008
Delta R.T. -0.008 min
Lab File: BG046863.D
Acq: 13 Oct 2020 5:09

Tgt Ion: 82 Resp: 328798

Ion	Ratio	Lower	Upper
82	100		
128	39.9	37.0	55.6
54	55.3	39.0	58.4

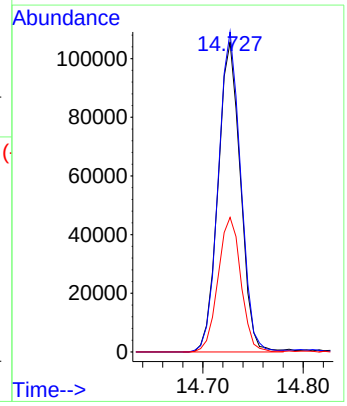


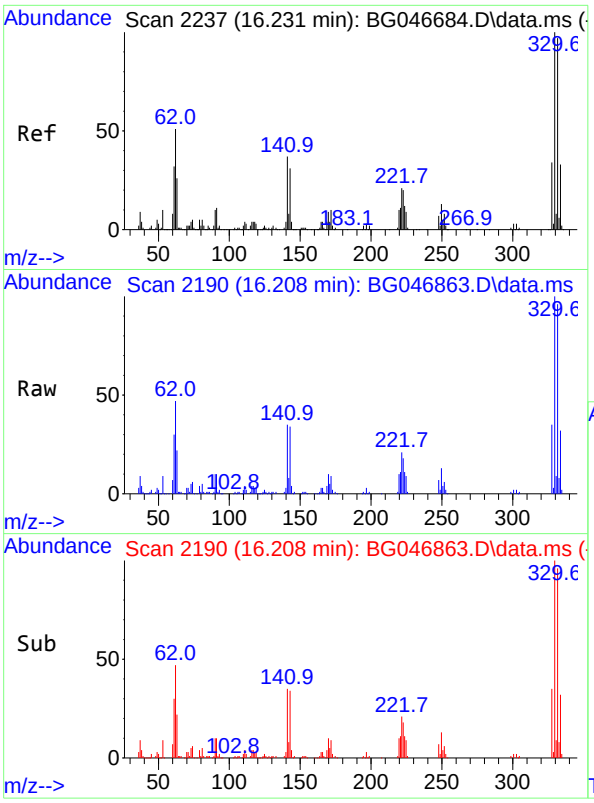


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.008 min
Lab File: BG046863.D
Acq: 13 Oct 2020 5:09

Tgt Ion:164 Resp: 163355

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.3	123.5
160	43.4	35.3	52.9

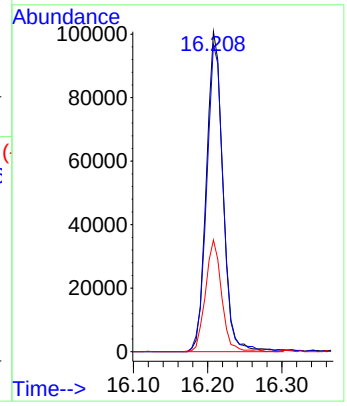




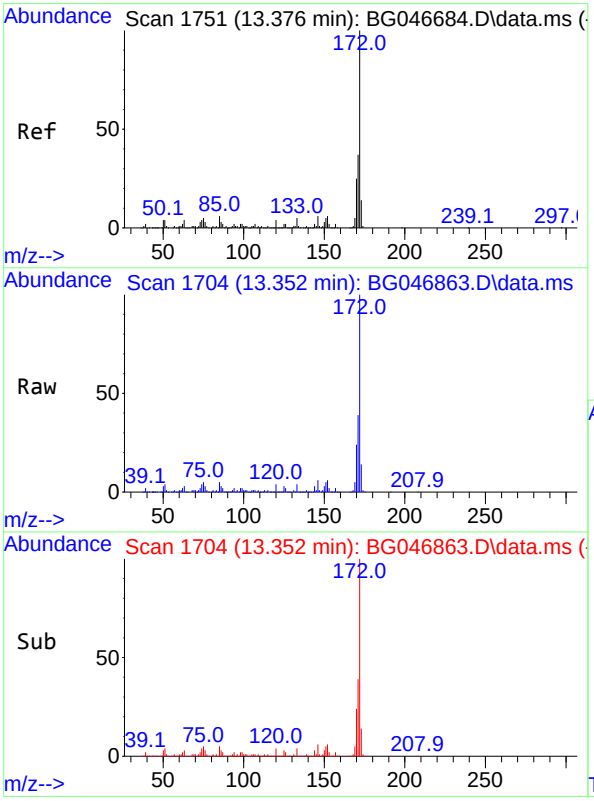
#42
2,4,6-Tribromophenol
Concen: 72.52 ng
RT: 16.208 min Scan# 2190
Delta R.T. -0.008 min
Lab File: BG046863.D
Acq: 13 Oct 2020 5:09

Tgt Ion:330 Resp: 156200

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.5	114.7
141	33.9	26.0	39.0



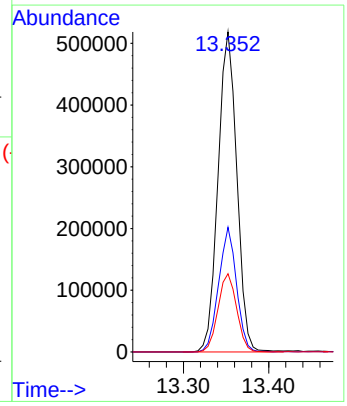
Instrument :
BNA_G
ClientSampleId :
QUAD-6

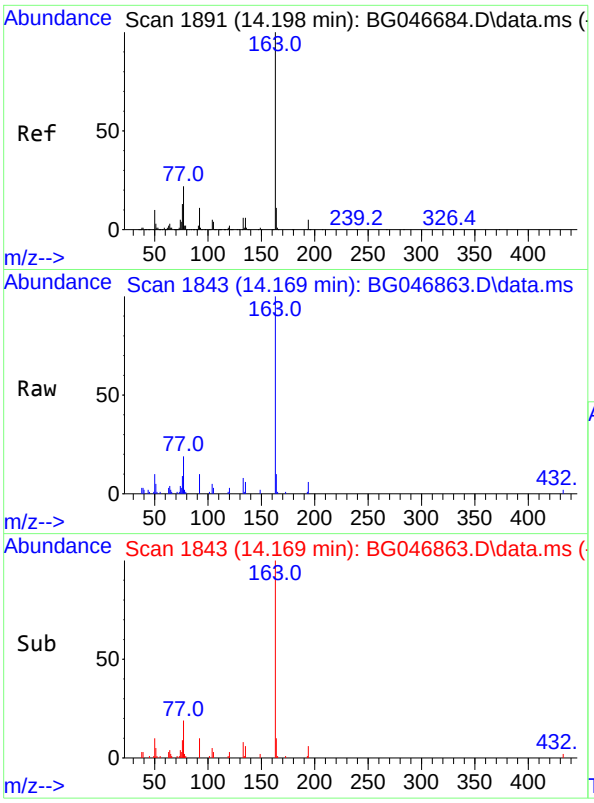


#45
2-Fluorobiphenyl
Concen: 68.95 ng
RT: 13.352 min Scan# 1704
Delta R.T. -0.008 min
Lab File: BG046863.D
Acq: 13 Oct 2020 5:09

Tgt Ion:172 Resp: 795592

Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.3	46.9
170	24.4	20.8	31.2

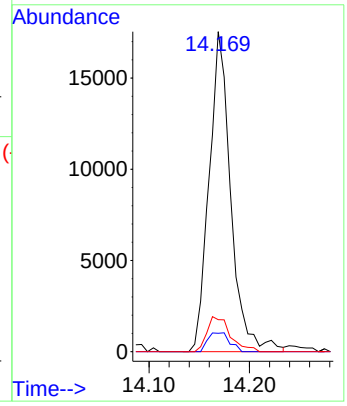




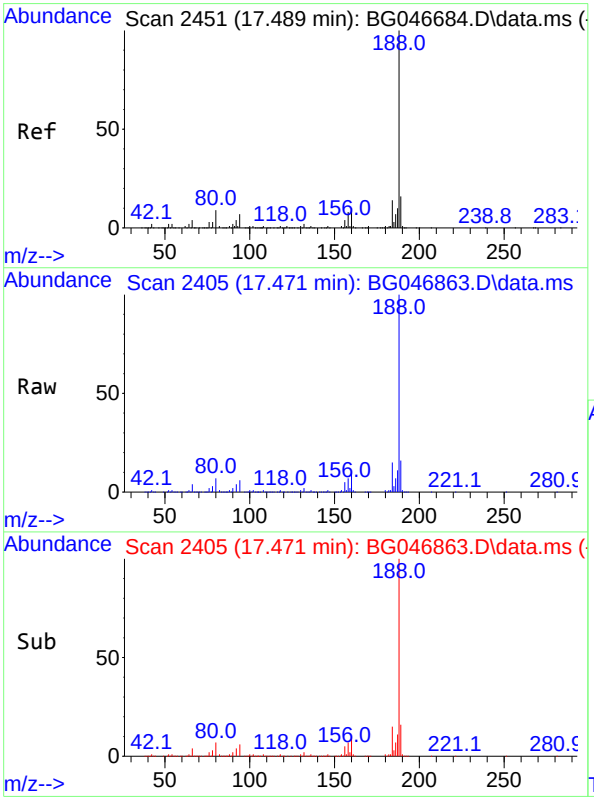
#50
Dimethylphthalate
Concen: 2.02 ng
RT: 14.169 min Scan# 1843
Delta R.T. -0.014 min
Lab File: BG046863.D
Acq: 13 Oct 2020 5:09

Tgt Ion:163 Resp: 26372

Ion	Ratio	Lower	Upper
163	100		
194	5.7	3.8	5.8
164	10.0	8.8	13.2



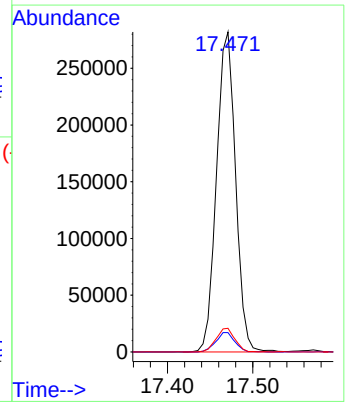
Instrument :
BNA_G
ClientSampleId :
QUAD-6

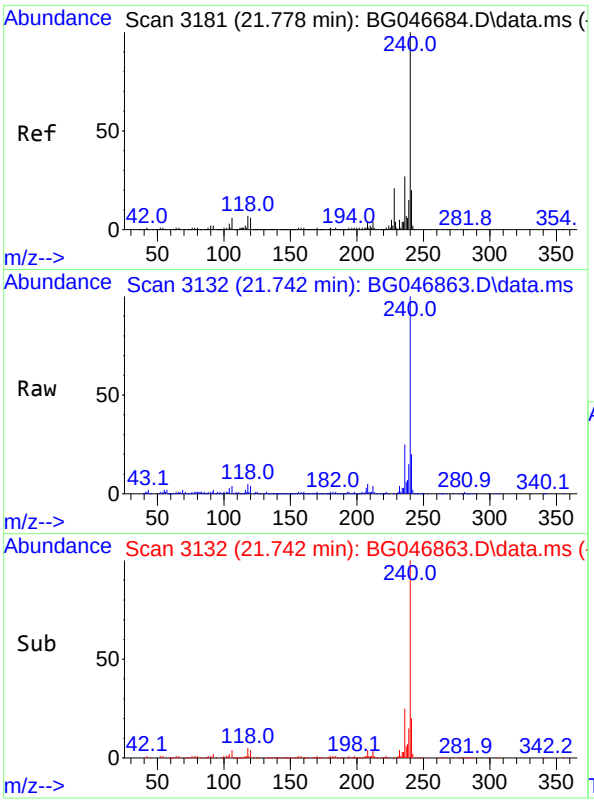


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.471 min Scan# 2405
Delta R.T. -0.008 min
Lab File: BG046863.D
Acq: 13 Oct 2020 5:09

Tgt Ion:188 Resp: 437508

Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.3	9.5#
80	7.4	7.0	10.6

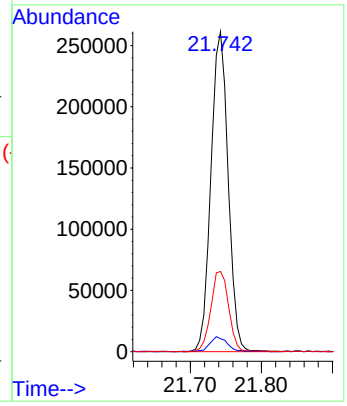




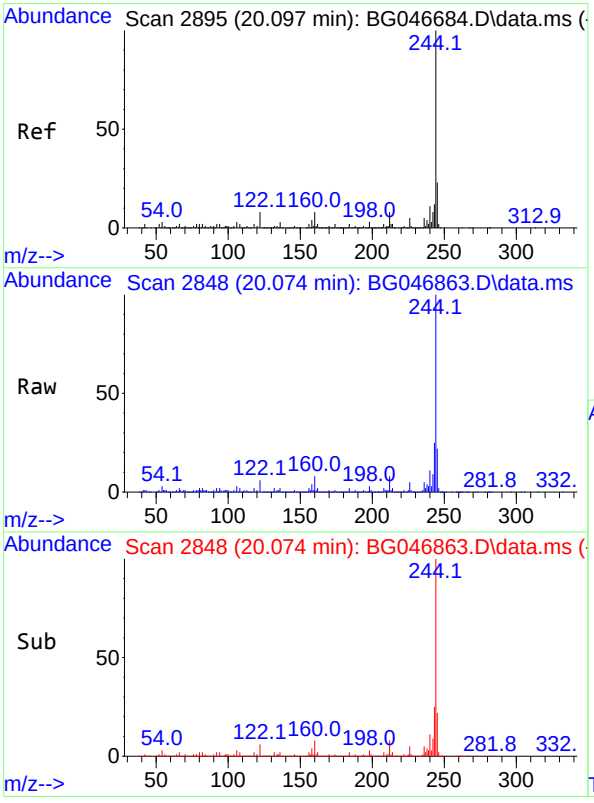
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.742 min Scan# 3132
Delta R.T. -0.014 min
Lab File: BG046863.D
Acq: 13 Oct 2020 5:09

Tgt Ion:240 Resp: 439432

Ion	Ratio	Lower	Upper
240	100		
120	4.1	6.2	9.4#
236	25.0	20.5	30.7



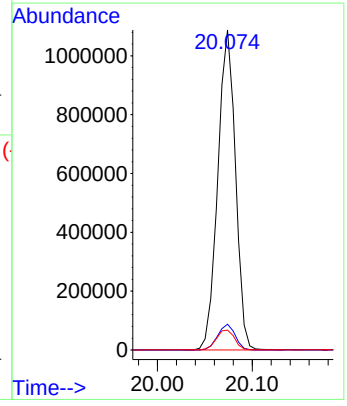
Instrument :
BNA_G
ClientSampleId :
QUAD-6

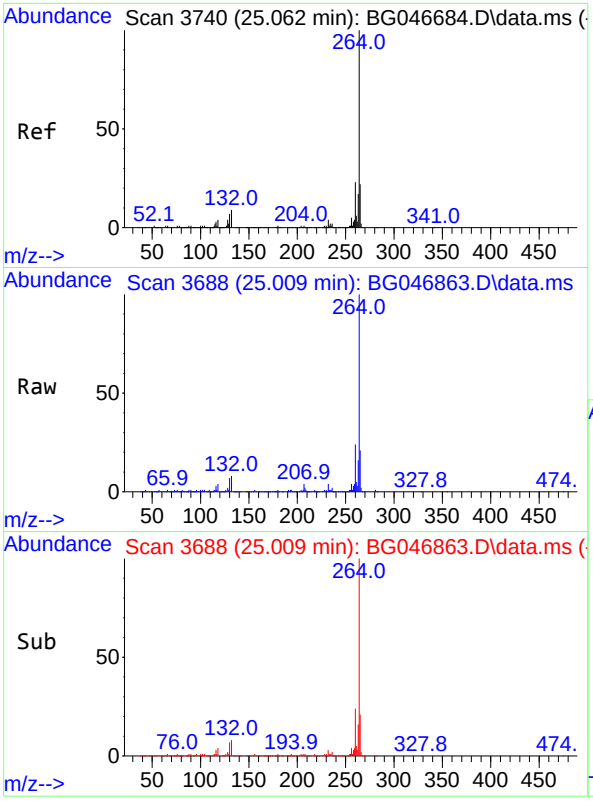


#79
Terphenyl-d14
Concen: 64.15 ng
RT: 20.074 min Scan# 2848
Delta R.T. -0.008 min
Lab File: BG046863.D
Acq: 13 Oct 2020 5:09

Tgt Ion:244 Resp: 1406486

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.7	10.1
122	6.2	7.8	11.6#

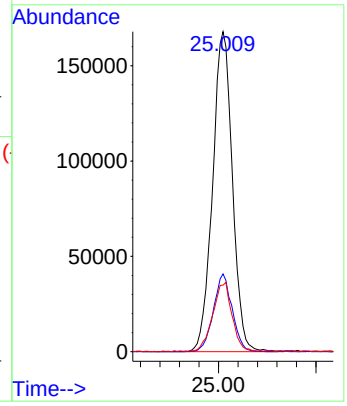




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.009 min Scan# 3688
Delta R.T. -0.020 min
Lab File: BG046863.D
Acq: 13 Oct 2020 5:09

Tgt Ion:264 Resp: 473146

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	20.8	17.8	26.8



Instrument :
BNA_G
ClientSampleId :
QUAD-6