Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100920\
Data File : BG046830.D
Acq On : 9 Oct 2020 12:22
Operator : CG/JU
Sample : PB132200BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB132200BL

Quant Time: Oct 09 13:23:41 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	61347	20.00	ng	# 0.00
21) Naphthalene-d8	10.914	136	237639	20.00	ng	0.00
39) Acenaphthene-d10	14.727	164	162534	20.00	ng	0.00
64) Phenanthrene-d10	17.471	188	402241	20.00	ng	0.00
76) Chrysene-d12	21.742	240	499966	20.00	ng	#-0.01
86) Perylene-d12	25.009	264	499111	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	545049	142.33	ng	0.00
7) Phenol-d6	7.253	99	693094	128.32	ng	0.00
23) Nitrobenzene-d5	9.263	82	502001	112.38	ng	0.00
42) 2,4,6-Tribromophenol	16.214	330	331657	154.75	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	1105788	96.32	ng	0.00
79) Terphenyl-d14	20.074	244	2078724	83.33	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.248	77	1148	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.263	70	72397	19.55	ng	# 75
32) Benzoic acid	9.968	122	70	6.37	ng	# 1
51) 2,6-Dinitrotoluene	14.727	165	20464	9.70	ng	# 35
57) 2,4-Dinitrotoluene	14.727	165	20464	7.32	ng	# 33
67) 4-Bromophenyl-phenylether	16.214	248	22863	4.50	ng	# 1
77) Benzidine	20.074	184	37920	2.46	ng	97

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

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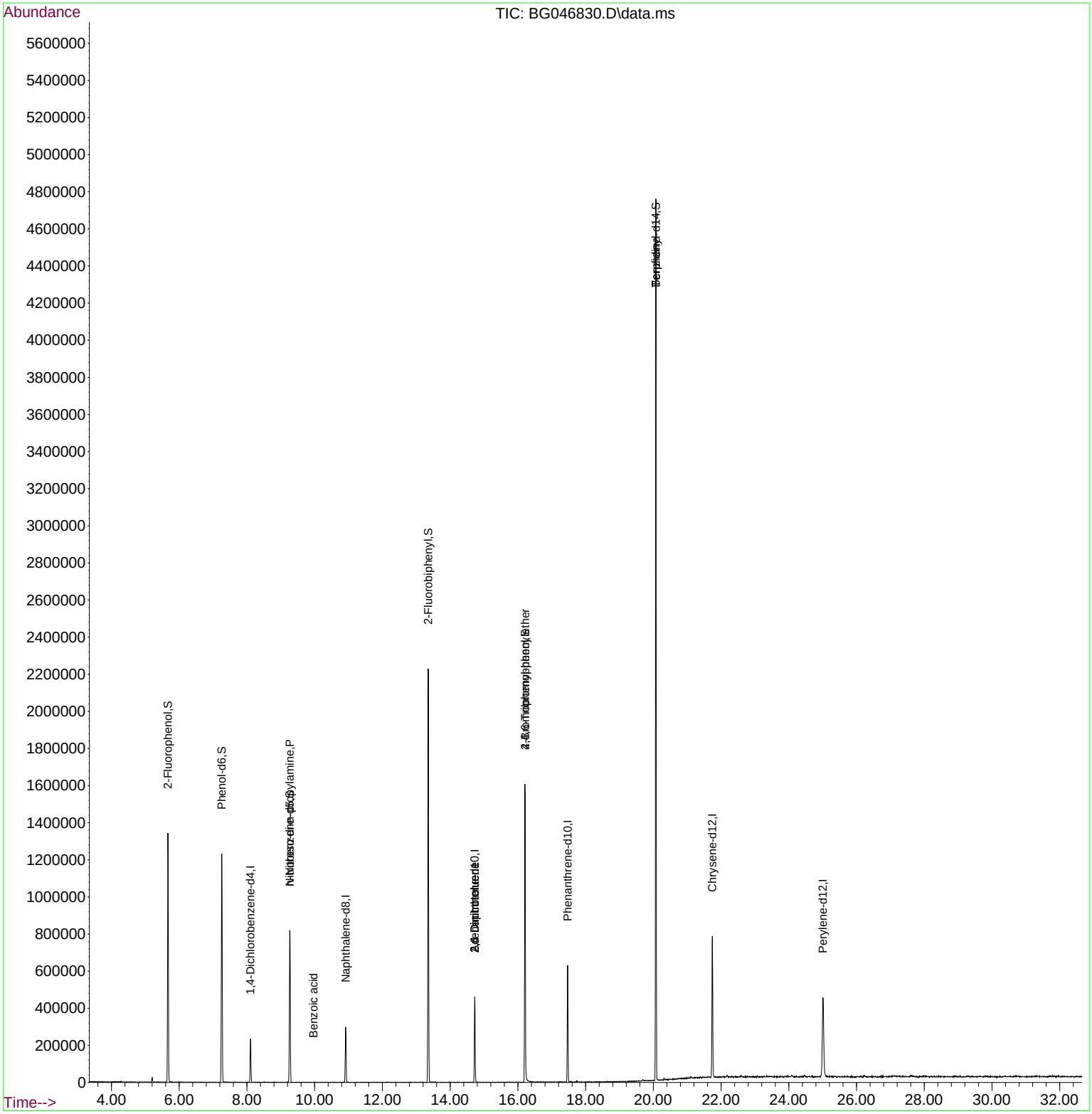
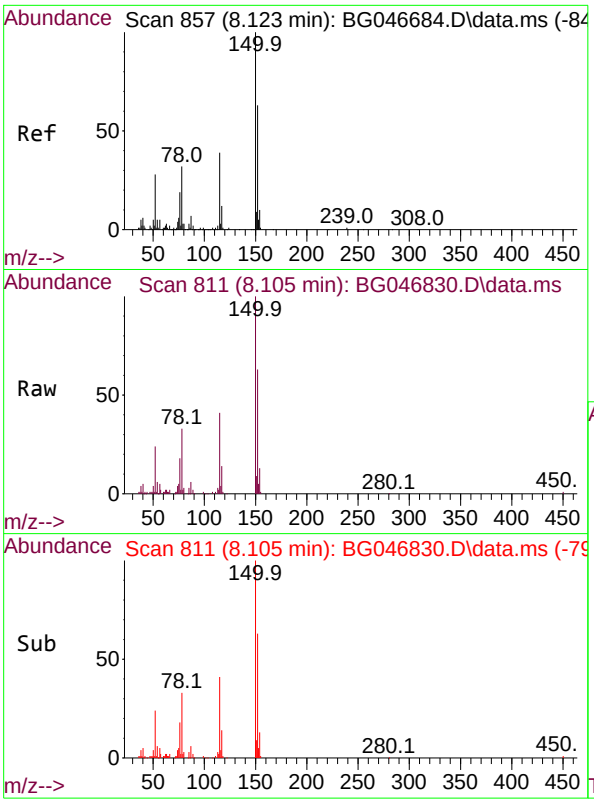


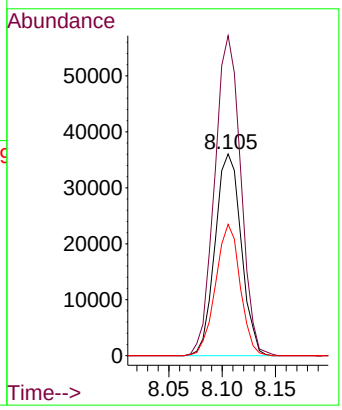
Instrument :
BNA_G
ClientSampleId :
PB132200BL

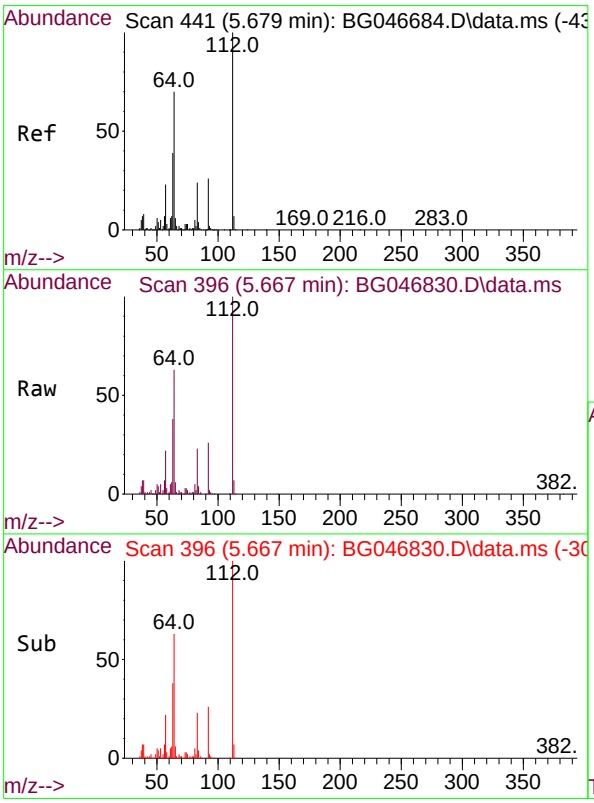


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.105 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG046830.D
Acq: 9 Oct 2020 12:22

Tgt Ion:152 Resp: 61347

Ion	Ratio	Lower	Upper
152	100		
150	158.6	125.0	187.6
115	65.2	41.8	62.6#

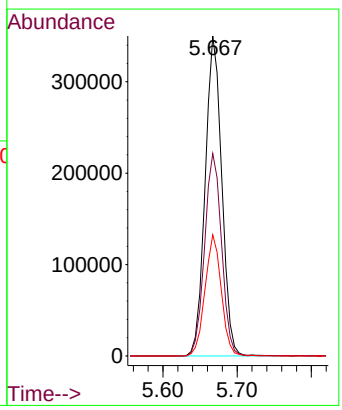


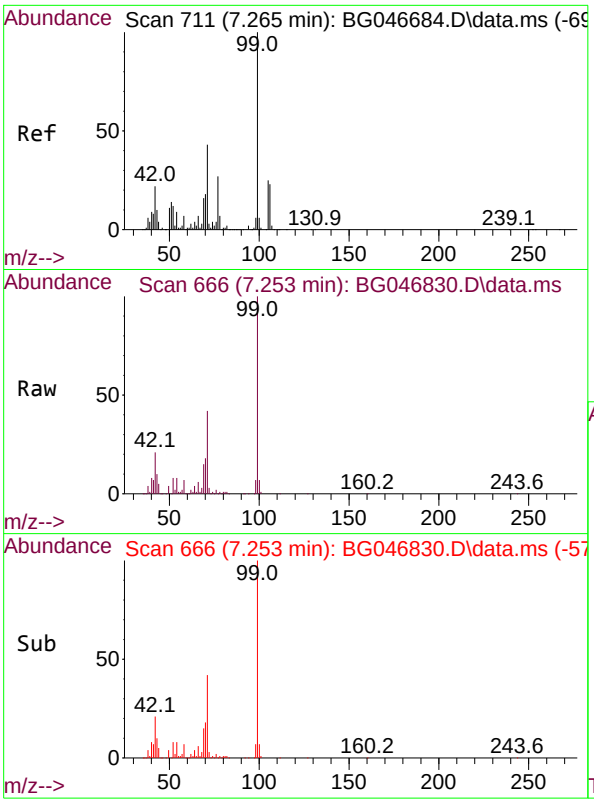


#5
2-Fluorophenol
Concen: 142.33 ng
RT: 5.667 min Scan# 396
Delta R.T. -0.002 min
Lab File: BG046830.D
Acq: 9 Oct 2020 12:22

Tgt Ion:112 Resp: 545049

Ion	Ratio	Lower	Upper
112	100		
64	63.2	46.7	70.1
63	37.9	22.8	34.2#

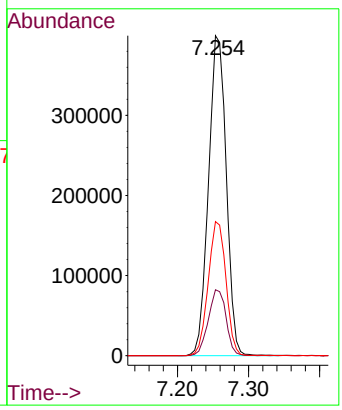




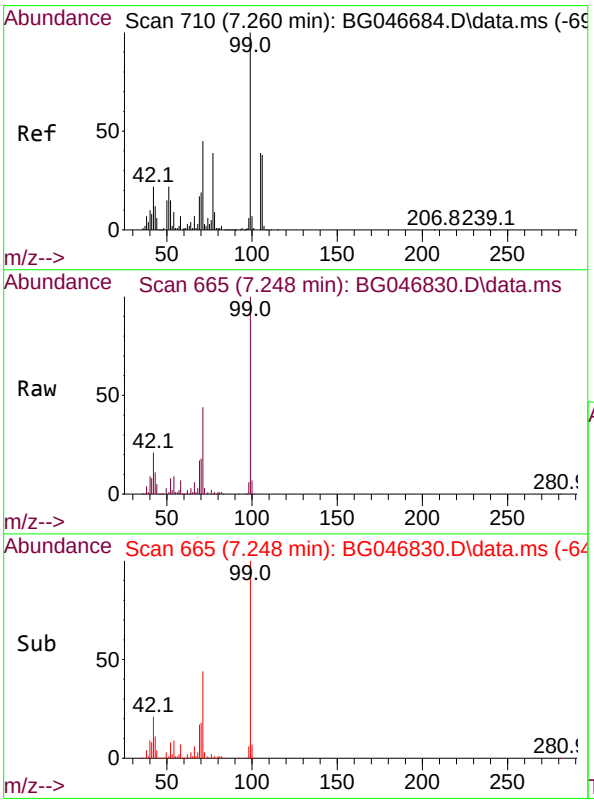
#7
Phenol-d6
Concen: 128.32 ng
RT: 7.253 min Scan# 666
Delta R.T. -0.002 min
Lab File: BG046830.D
Acq: 9 Oct 2020 12:22

Tgt Ion: 99 Resp: 693094

Ion	Ratio	Lower	Upper
99	100		
42	20.6	12.8	19.2#
71	41.9	24.6	36.8#



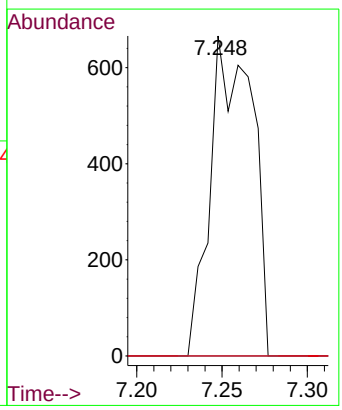
Instrument :
BNA_G
ClientSampleId :
PB132200BL



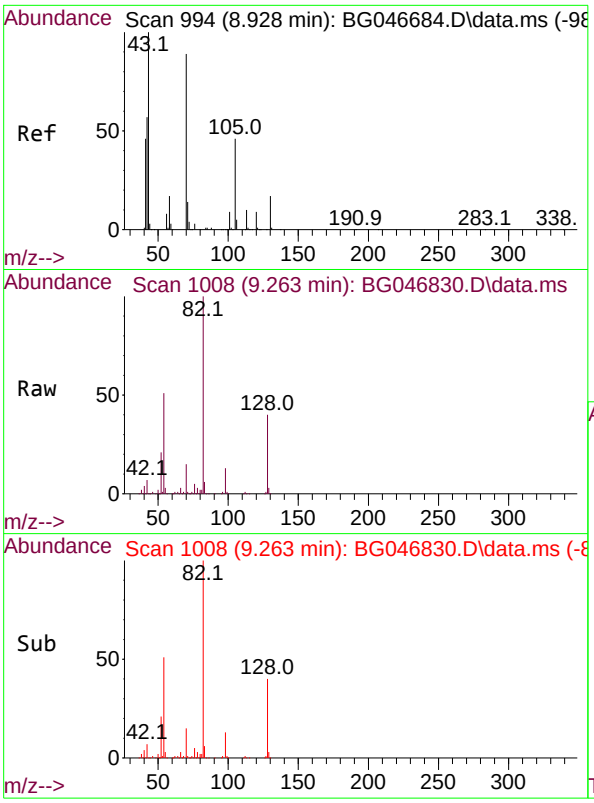
#9
Benzaldehyde
Concen: Below Cal
RT: 7.248 min Scan# 665
Delta R.T. 0.003 min
Lab File: BG046830.D
Acq: 9 Oct 2020 12:22

Tgt Ion: 77 Resp: 1148

Ion	Ratio	Lower	Upper
77	100		
105	0.0	85.9	125.9#
106	0.0	80.9	120.9#



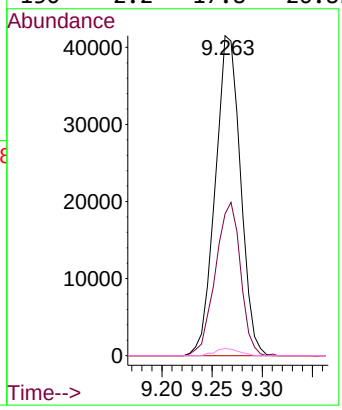
Instrument :
BNA_G
ClientSampleId :
PB132200BL

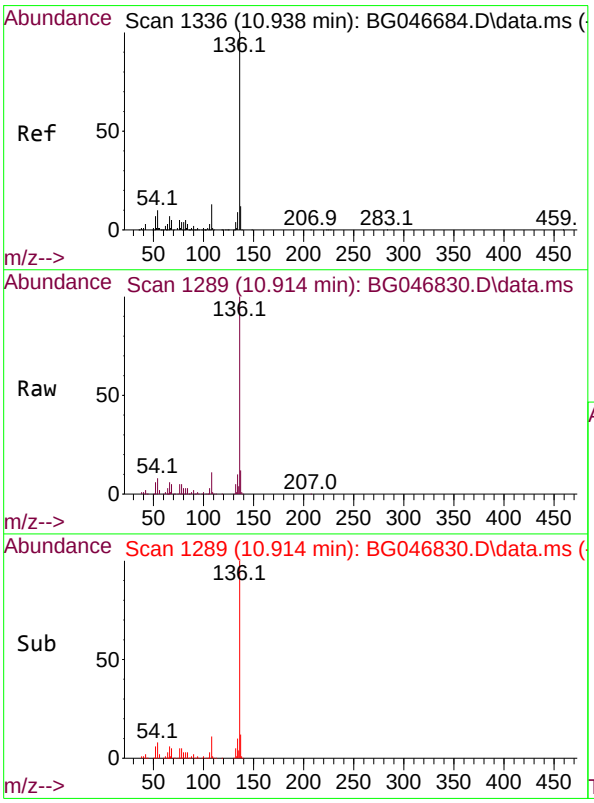


#19
n-Nitroso-di-n-propylamine
Concen: 19.55 ng
RT: 9.263 min Scan# 1008
Delta R.T. 0.350 min
Lab File: BG046830.D
Acq: 9 Oct 2020 12:22

Tgt Ion: 70 Resp: 72397

Ion	Ratio	Lower	Upper
70	100		
42	44.4	45.6	68.4#
101	0.0	8.4	12.6#
130	2.2	17.8	26.8#

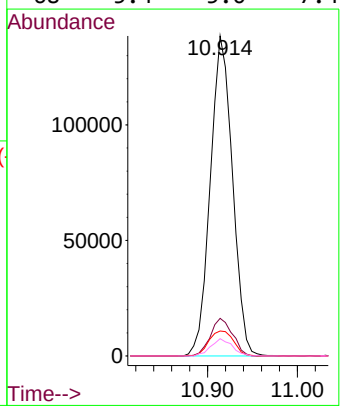




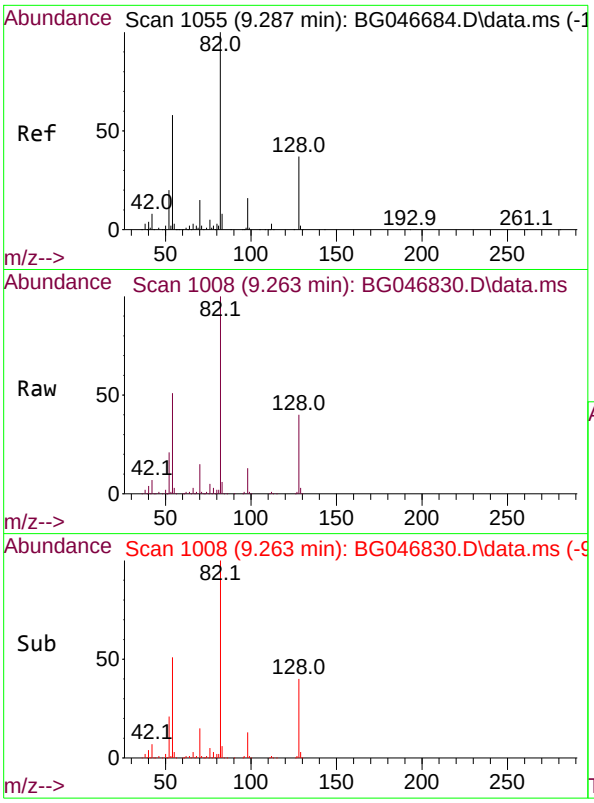
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.914 min Scan# 1289
Delta R.T. -0.008 min
Lab File: BG046830.D
Acq: 9 Oct 2020 12:22

Tgt Ion:136 Resp: 237639

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	7.8	6.2	9.4
68	5.4	5.0	7.4



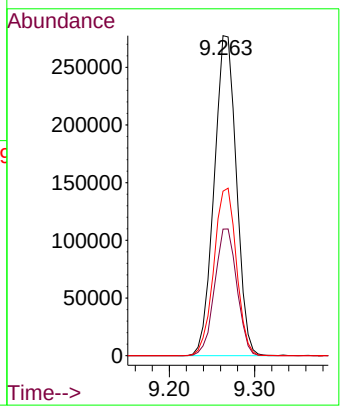
Instrument :
BNA_G
ClientSampleId :
PB132200BL

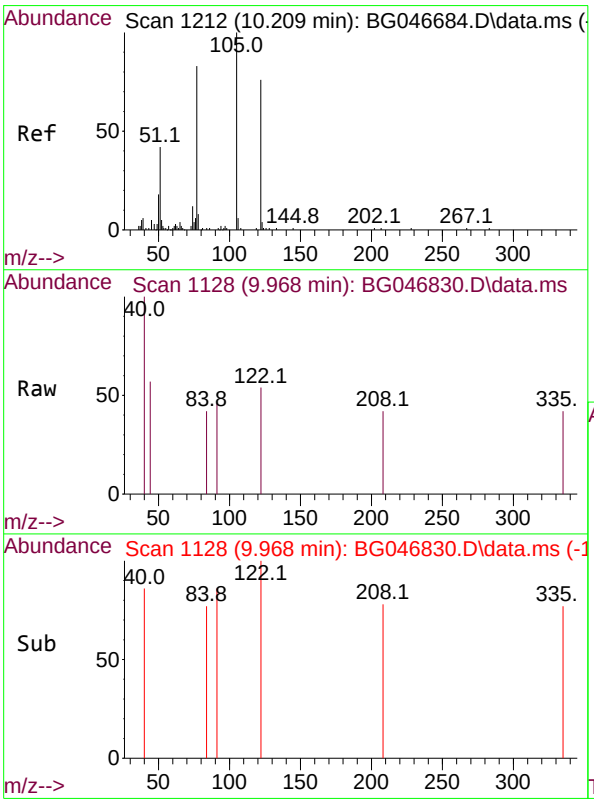


#23
Nitrobenzene-d5
Concen: 112.38 ng
RT: 9.263 min Scan# 1008
Delta R.T. -0.008 min
Lab File: BG046830.D
Acq: 9 Oct 2020 12:22

Tgt Ion: 82 Resp: 502001

Ion	Ratio	Lower	Upper
82	100		
128	39.5	37.0	55.6
54	51.4	39.0	58.4

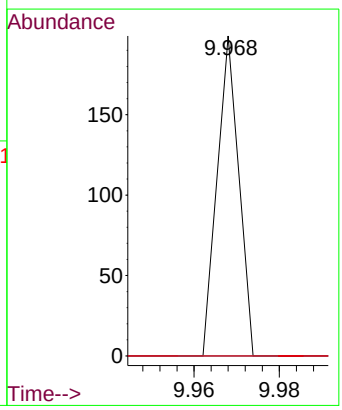




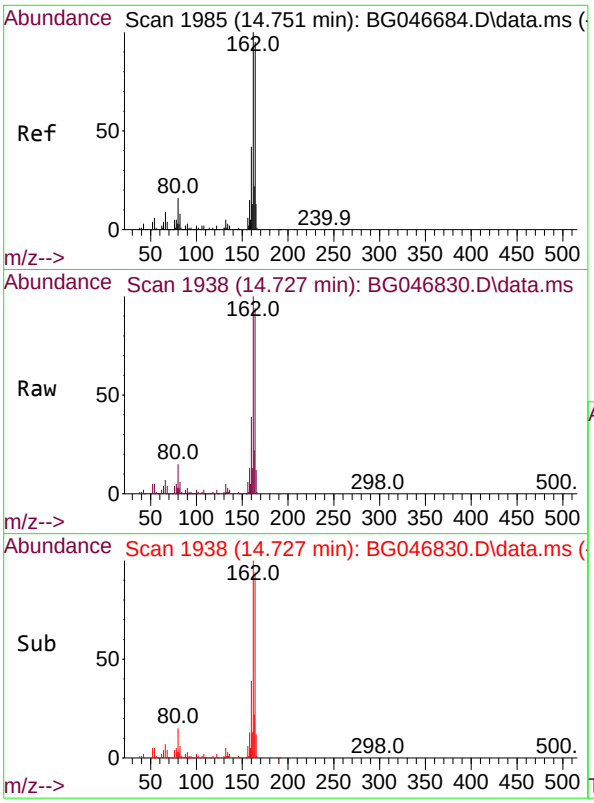
#32
Benzoic acid
Concen: 6.37 ng
RT: 9.968 min Scan# 1128
Delta R.T. -0.226 min
Lab File: BG046830.D
Acq: 9 Oct 2020 12:22

Tgt Ion:122 Resp: 70

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.7	143.7#
77	0.0	63.0	103.0#



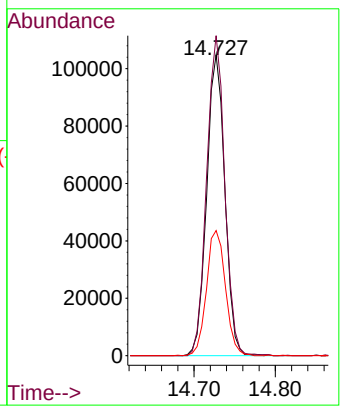
Instrument :
BNA_G
ClientSampleId :
PB132200BL

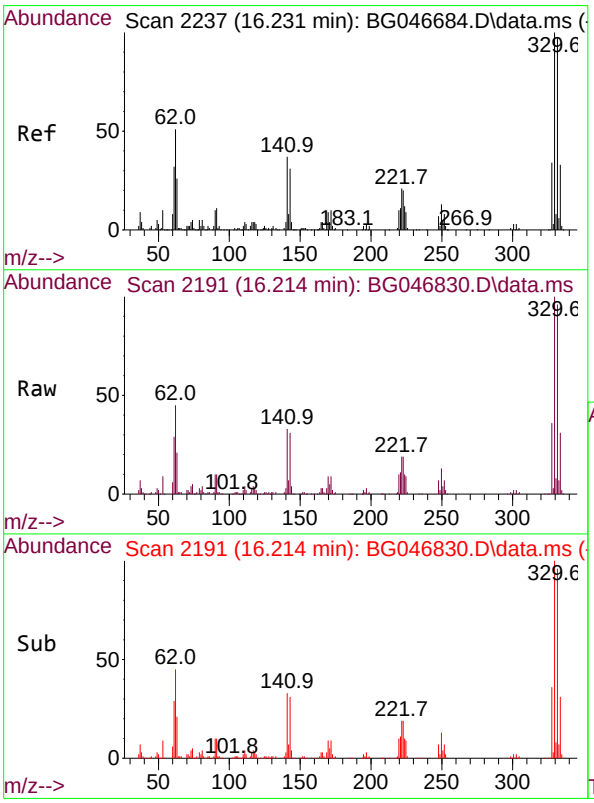


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.008 min
Lab File: BG046830.D
Acq: 9 Oct 2020 12:22

Tgt Ion:164 Resp: 162534

Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.3	123.5
160	41.6	35.3	52.9

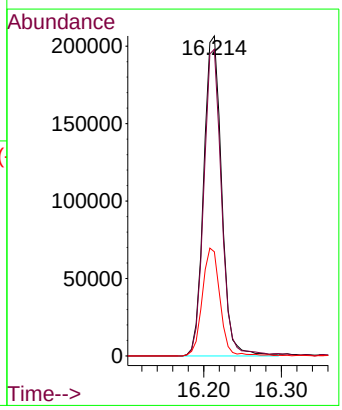




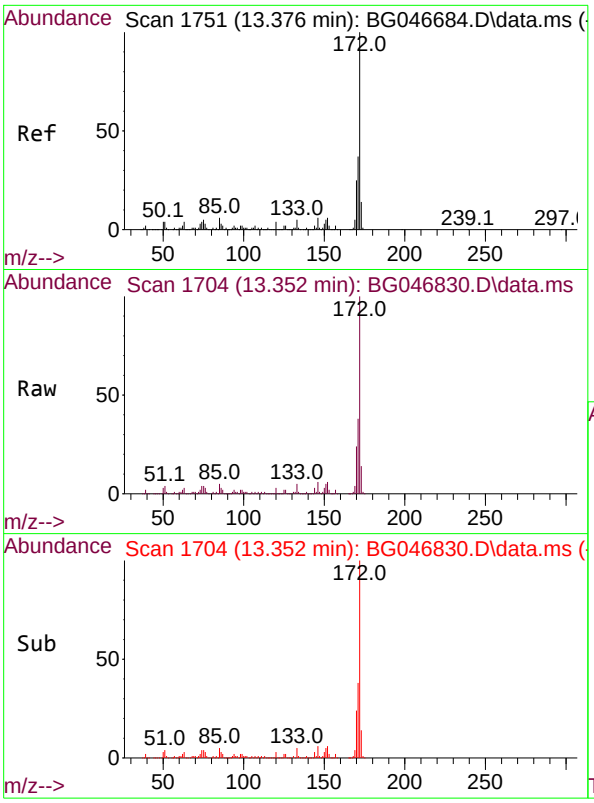
#42
2,4,6-Tribromophenol
Concen: 154.75 ng
RT: 16.214 min Scan# 2191
Delta R.T. -0.002 min
Lab File: BG046830.D
Acq: 9 Oct 2020 12:22

Tgt Ion:330 Resp: 331657

Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.5	114.7
141	33.5	26.0	39.0



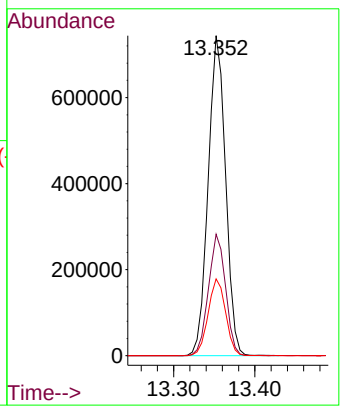
Instrument :
BNA_G
ClientSampleId :
PB132200BL

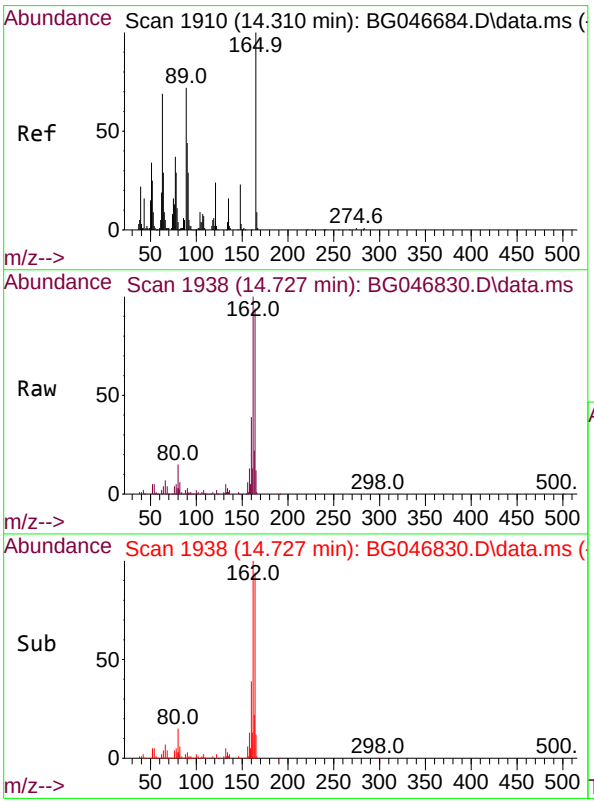


#45
2-Fluorobiphenyl
Concen: 96.32 ng
RT: 13.352 min Scan# 1704
Delta R.T. -0.008 min
Lab File: BG046830.D
Acq: 9 Oct 2020 12:22

Tgt Ion:172 Resp: 1105788

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.3	46.9
170	24.0	20.8	31.2

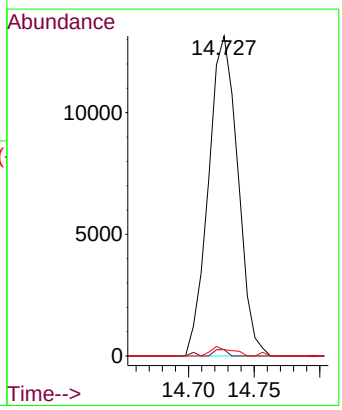




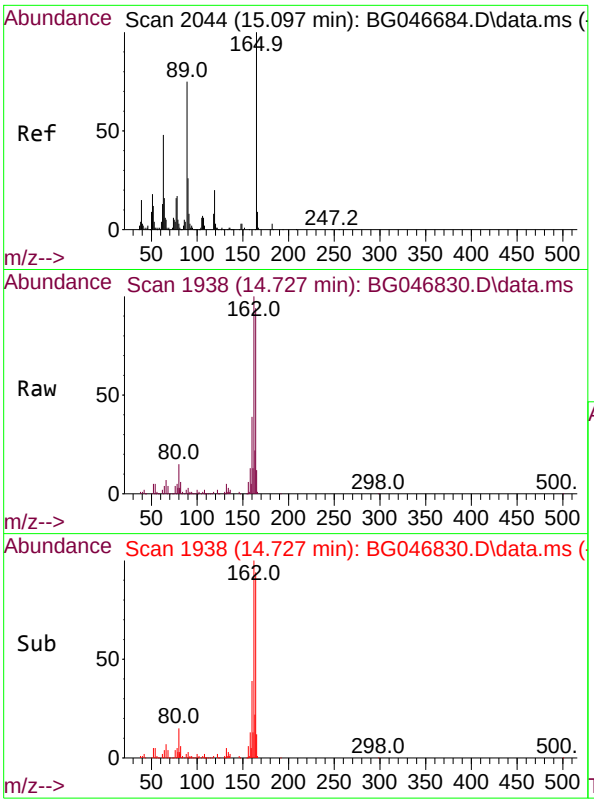
#51
2,6-Dinitrotoluene
Concen: 9.70 ng
RT: 14.727 min Scan# 1938
Delta R.T. 0.427 min
Lab File: BG046830.D
Acq: 9 Oct 2020 12:22

Tgt Ion:165 Resp: 20464

Ion	Ratio	Lower	Upper
165	100		
63	1.9	33.7	50.5#
89	2.0	36.6	54.8#



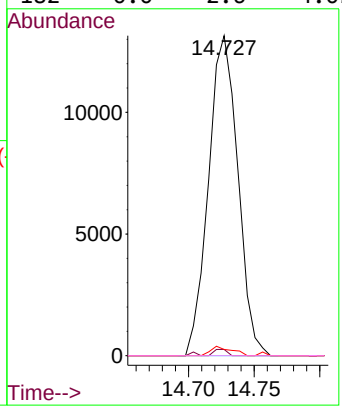
Instrument :
BNA_G
ClientSampleId :
PB132200BL

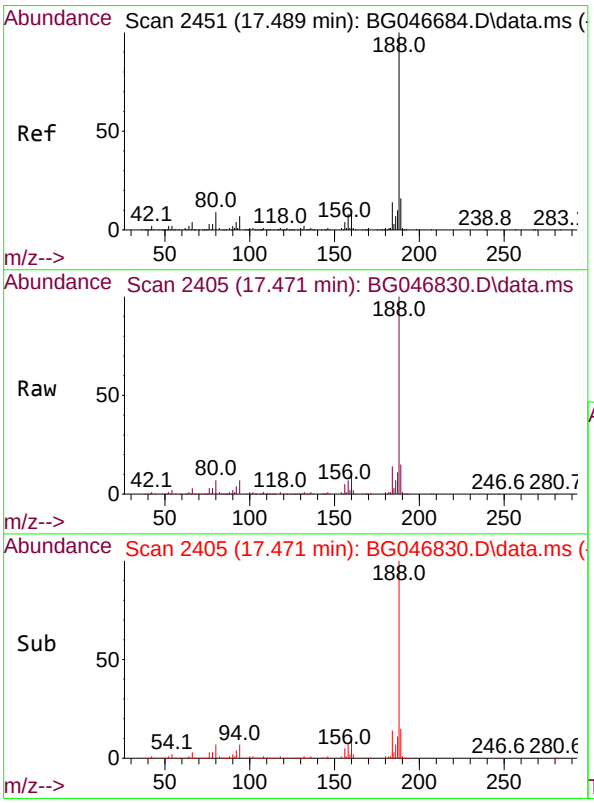


#57
2,4-Dinitrotoluene
Concen: 7.32 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.355 min
Lab File: BG046830.D
Acq: 9 Oct 2020 12:22

Tgt Ion:165 Resp: 20464

Ion	Ratio	Lower	Upper
165	100		
63	1.9	26.4	39.6#
89	2.0	47.8	71.8#
182	0.0	2.6	4.0#

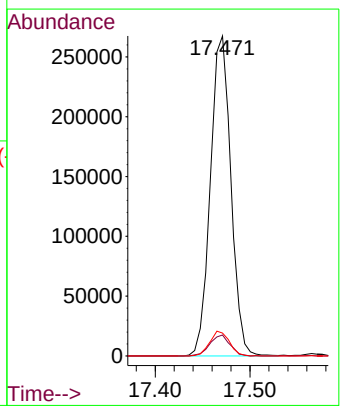




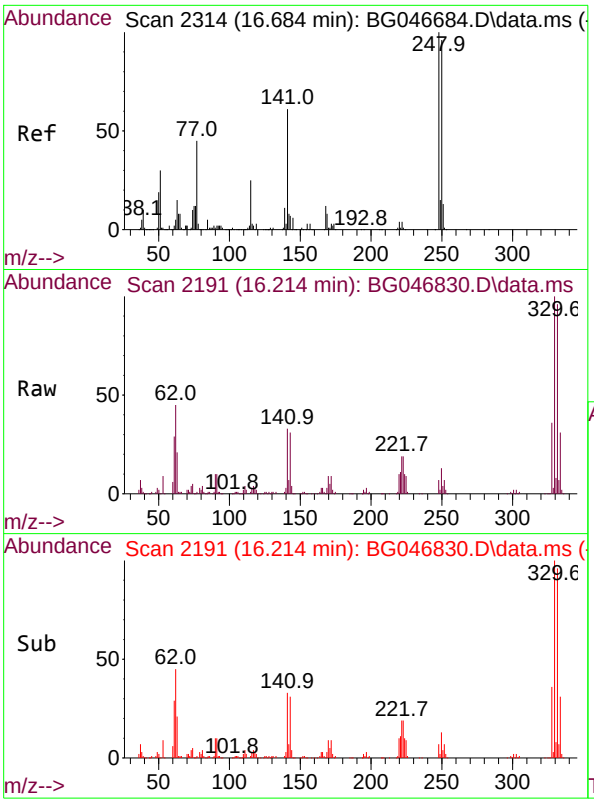
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.471 min Scan# 2405
Delta R.T. -0.008 min
Lab File: BG046830.D
Acq: 9 Oct 2020 12:22

Tgt Ion:188 Resp: 402241

Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.3	9.5
80	7.2	7.0	10.6



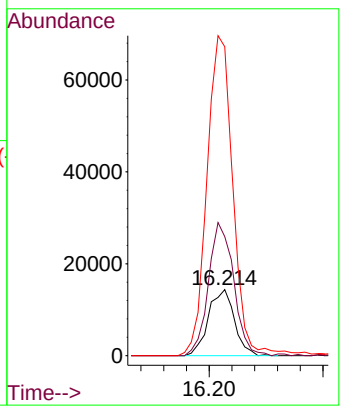
Instrument :
BNA_G
ClientSampleId :
PB132200BL

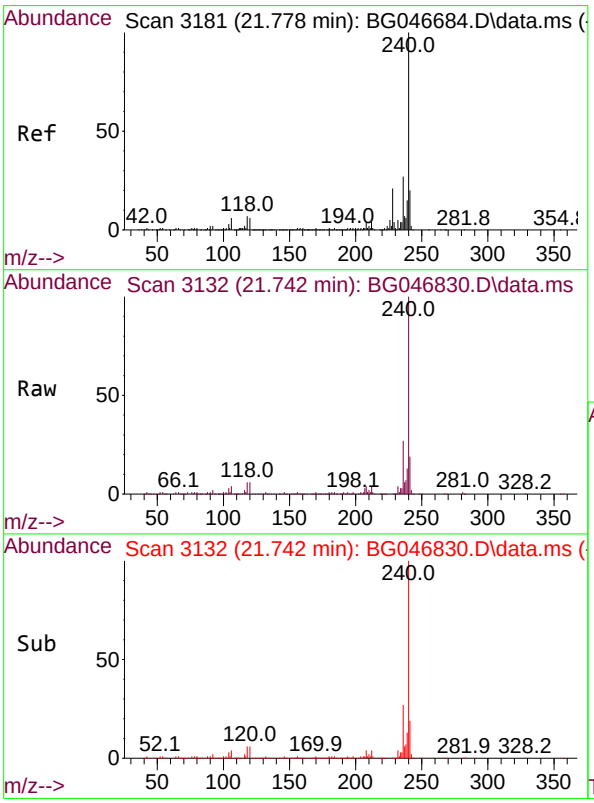


#67
4-Bromophenyl-phenylether
Concen: 4.50 ng
RT: 16.214 min Scan# 2191
Delta R.T. -0.449 min
Lab File: BG046830.D
Acq: 9 Oct 2020 12:22

Tgt Ion:248 Resp: 22863

Ion	Ratio	Lower	Upper
248	100		
250	186.2	78.9	118.3#
141	366.9	46.2	69.4#

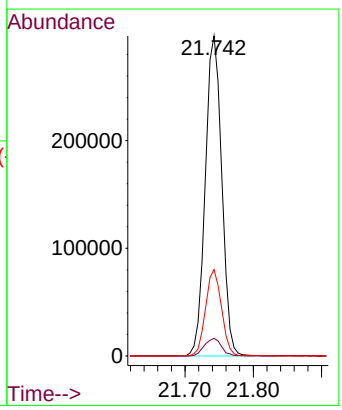




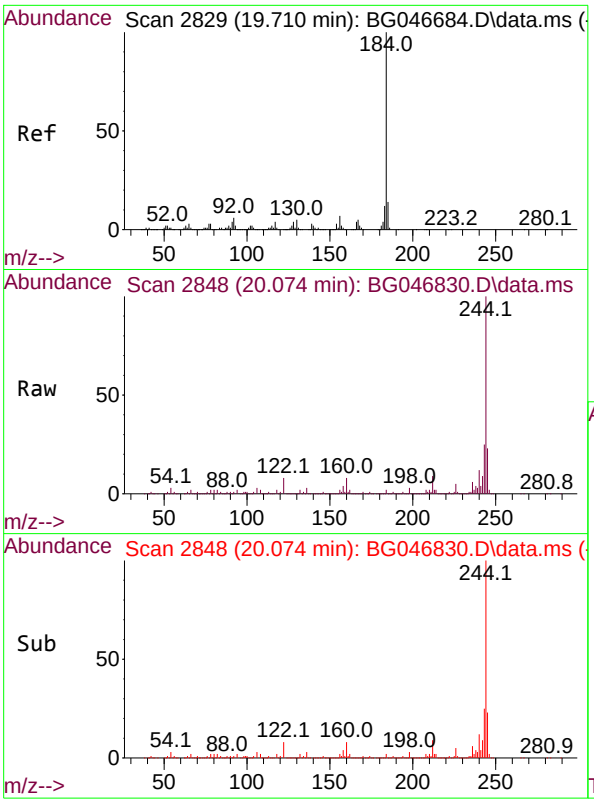
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.742 min Scan# 3132
Delta R.T. -0.014 min
Lab File: BG046830.D
Acq: 9 Oct 2020 12:22

Tgt Ion:240 Resp: 499966

Ion	Ratio	Lower	Upper
240	100		
120	5.5	6.2	9.4#
236	27.0	20.5	30.7



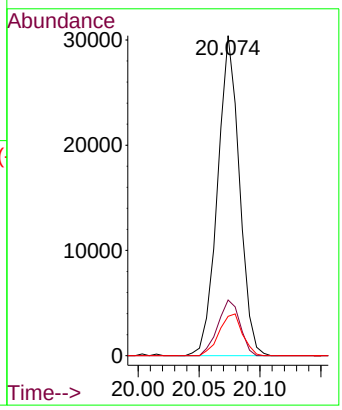
Instrument :
BNA_G
ClientSampleId :
PB132200BL

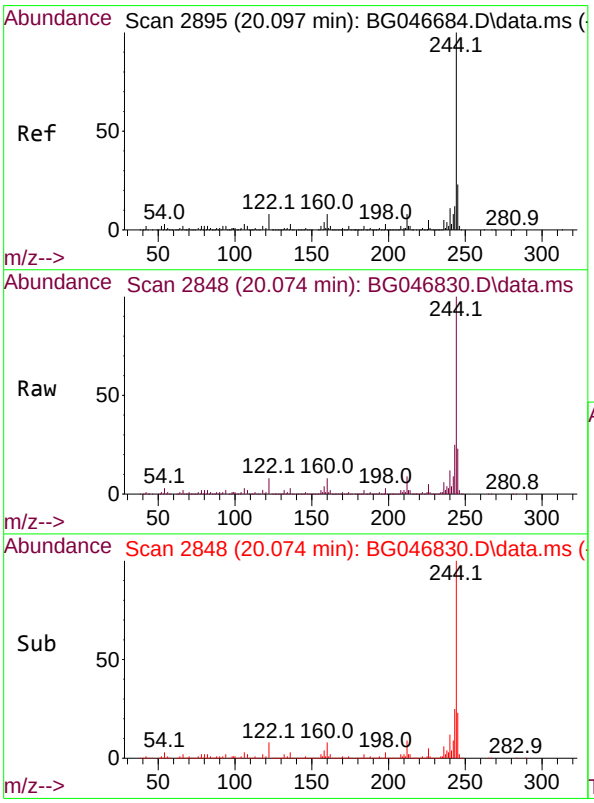


#77
Benzidine
Concen: 2.46 ng
RT: 20.074 min Scan# 2848
Delta R.T. 0.374 min
Lab File: BG046830.D
Acq: 9 Oct 2020 12:22

Tgt Ion:184 Resp: 37920

Ion	Ratio	Lower	Upper
184	100		
185	17.4	12.4	18.6
183	12.3	10.6	15.8

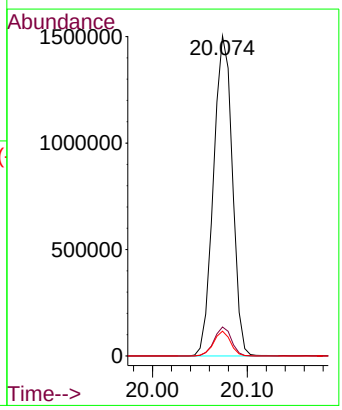


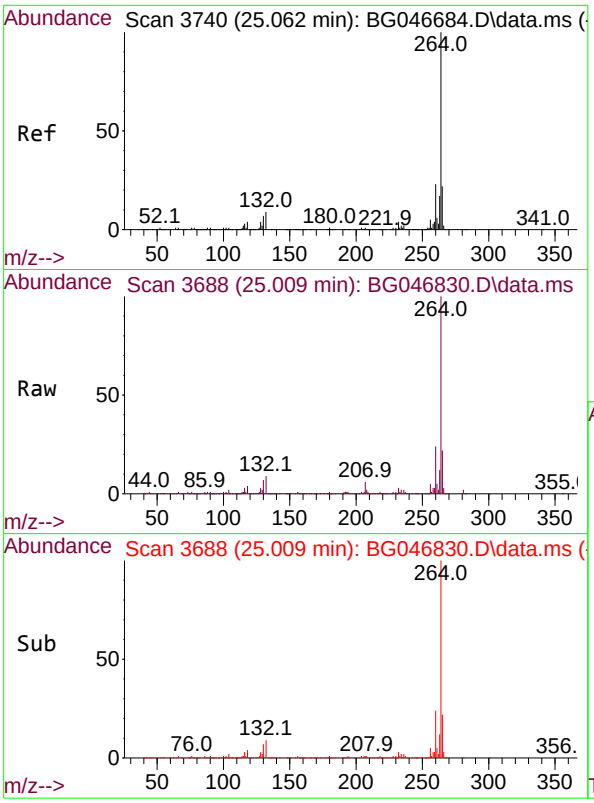


#79
Terphenyl-d14
Concen: 83.33 ng
RT: 20.074 min Scan# 2848
Delta R.T. -0.008 min
Lab File: BG046830.D
Acq: 9 Oct 2020 12:22

Tgt Ion:244 Resp: 2078724

Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.7	10.1
122	7.7	7.8	11.6#

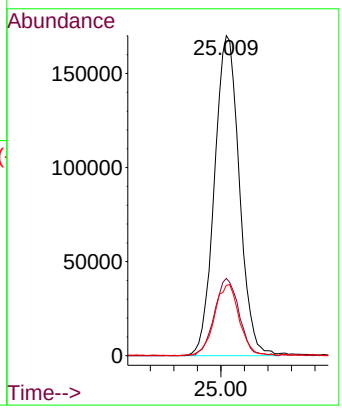




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.009 min Scan# 3688
Delta R.T. -0.020 min
Lab File: BG046830.D
Acq: 9 Oct 2020 12:22

Tgt Ion:264 Resp: 499111

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.8	28.2
265	22.0	17.8	26.8



Instrument :
BNA_G
ClientSampleId :
PB132200BL