Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
Data File : BG046887.D
Acq On : 13 Oct 2020 23:48
Operator : CG/JU
Sample : L4333-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OH-WC-C-J4

Quant Time: Oct 14 01:07:35 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	63874	20.00	ng	# 0.00
21) Naphthalene-d8	10.913	136	239970	20.00	ng	0.00
39) Acenaphthene-d10	14.727	164	171437	20.00	ng	0.00
64) Phenanthrene-d10	17.470	188	428892	20.00	ng	# 0.00
76) Chrysene-d12	21.742	240	480138	20.00	ng	#-0.01
86) Perylene-d12	25.009	264	475394	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	463891	116.35	ng	0.00
7) Phenol-d6	7.259	99	543706	96.68	ng	0.00
23) Nitrobenzene-d5	9.262	82	512391	113.59	ng	0.00
42) 2,4,6-Tribromophenol	16.207	330	371820	164.48	ng	0.00
45) 2-Fluorobiphenyl	13.352	172	1148720	94.86	ng	0.00
79) Terphenyl-d14	20.073	244	2138242	89.25	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.259	77	1332	Below Cal	#	16
19) n-Nitroso-di-n-propyla...	9.268	70	73001	18.93	ng	# 78
32) Benzoic acid	10.338	122	59	6.36	ng	# 1
50) Dimethylphthalate	14.168	163	27883	2.04	ng	# 97
51) 2,6-Dinitrotoluene	14.727	165	21119	9.49	ng	# 35
57) 2,4-Dinitrotoluene	14.727	165	21119	7.17	ng	# 33
67) 4-Bromophenyl-phenylether	16.207	248	25171	4.64	ng	# 1

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

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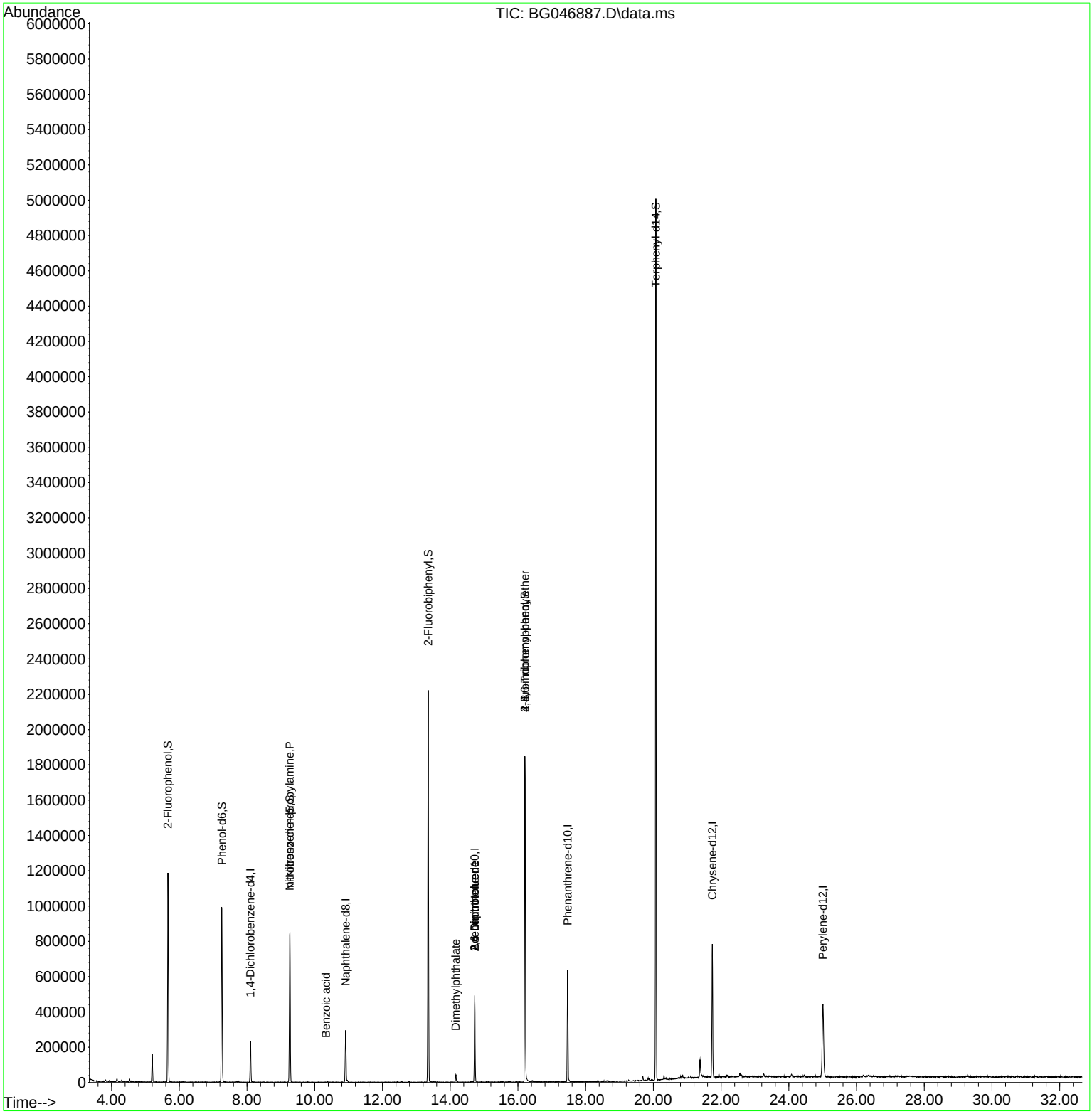
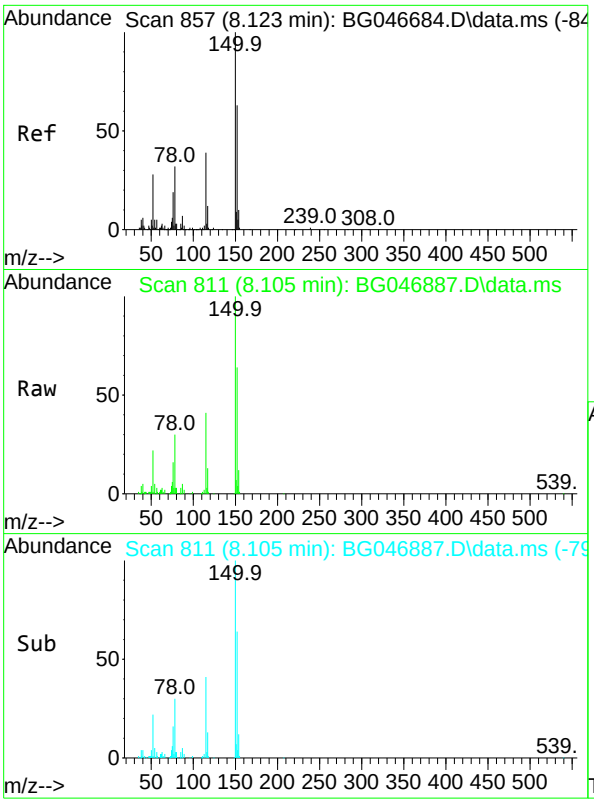


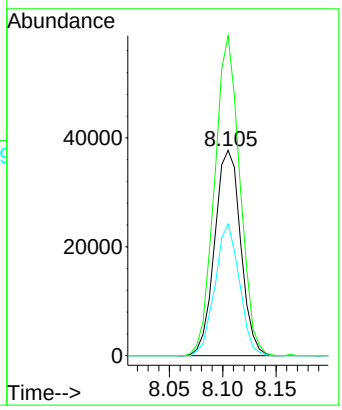
Instrument :
BNA_G
ClientSampleId :
OH-WC-C-J4

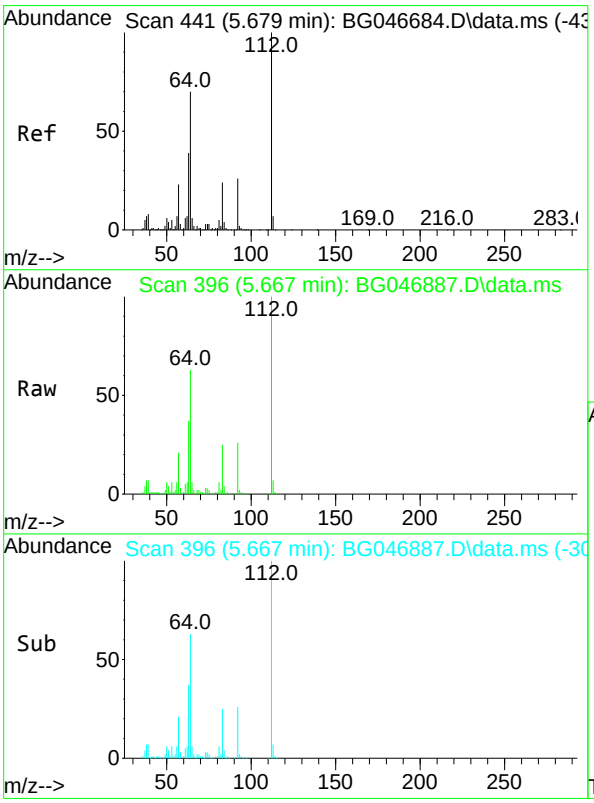


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.105 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG046887.D
Acq: 13 Oct 2020 23:48

Tgt Ion:152 Resp: 63874

Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.0	187.6
115	64.3	41.8	62.6#

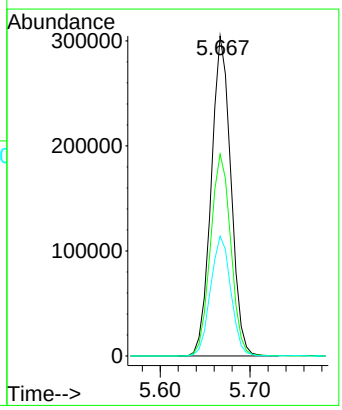


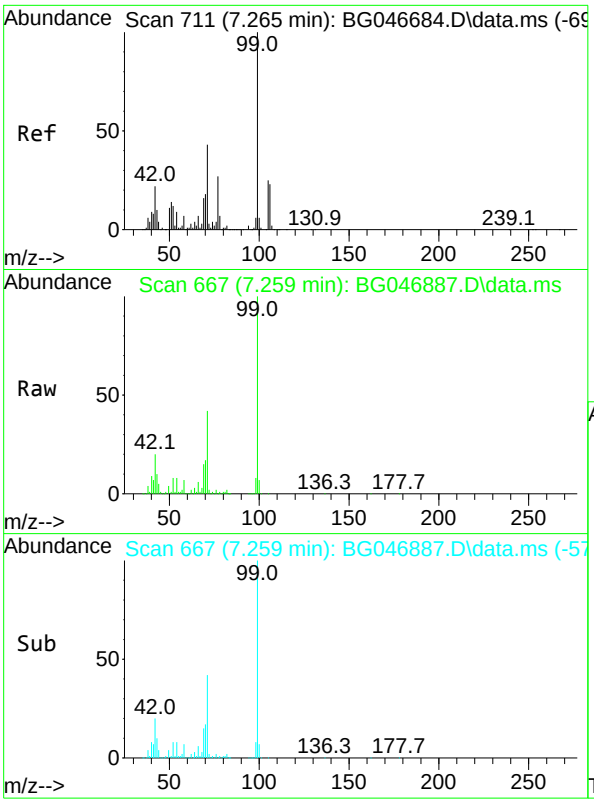


#5
2-Fluorophenol
Concen: 116.35 ng
RT: 5.667 min Scan# 396
Delta R.T. -0.003 min
Lab File: BG046887.D
Acq: 13 Oct 2020 23:48

Tgt Ion:112 Resp: 463891

Ion	Ratio	Lower	Upper
112	100		
64	63.1	46.7	70.1
63	37.5	22.8	34.2#

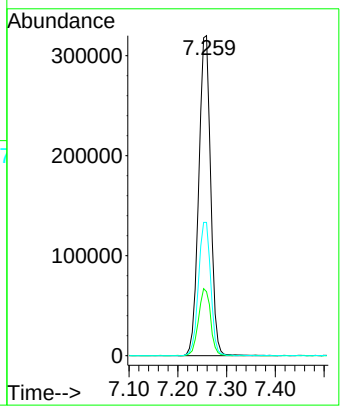




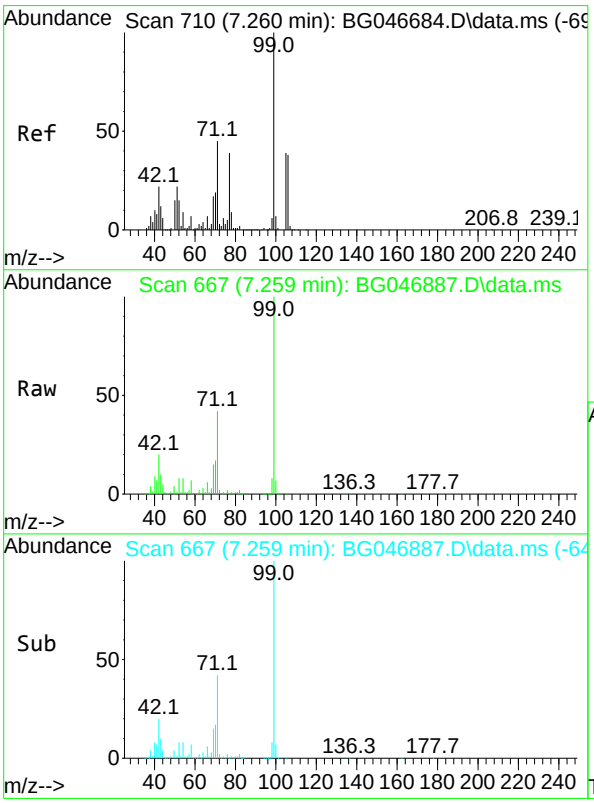
#7
Phenol-d6
Concen: 96.68 ng
RT: 7.259 min Scan# 667
Delta R.T. 0.003 min
Lab File: BG046887.D
Acq: 13 Oct 2020 23:48

Tgt Ion: 99 Resp: 543706

Ion	Ratio	Lower	Upper
99	100		
42	20.0	12.8	19.2#
71	41.7	24.6	36.8#



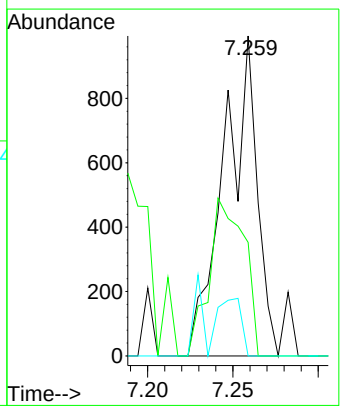
Instrument :
BNA_G
ClientSampleId :
OH-WC-C-J4



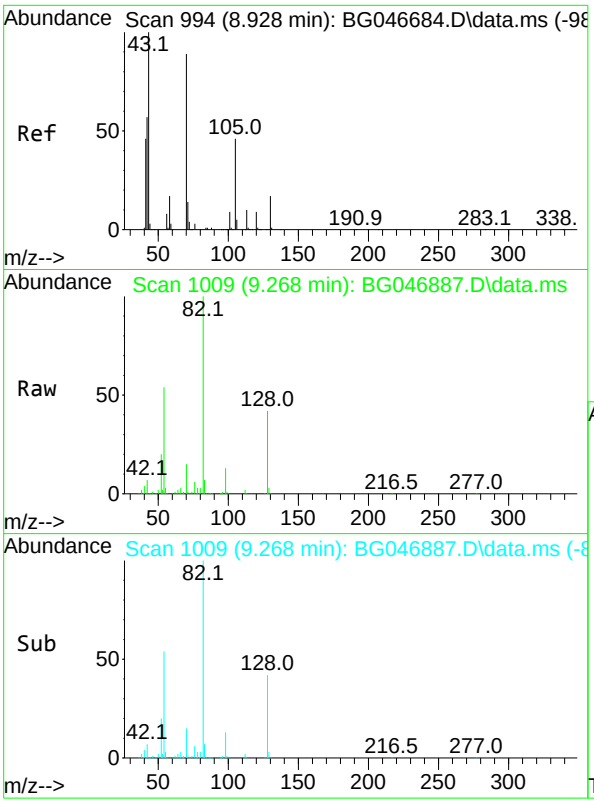
#9
Benzaldehyde
Concen: Below Cal
RT: 7.259 min Scan# 667
Delta R.T. 0.015 min
Lab File: BG046887.D
Acq: 13 Oct 2020 23:48

Tgt Ion: 77 Resp: 1332

Ion	Ratio	Lower	Upper
77	100		
105	35.5	85.9	125.9#
106	0.0	80.9	120.9#



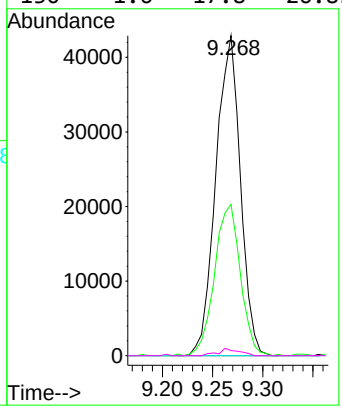
Instrument :
BNA_G
ClientSampleId :
OH-WC-C-J4

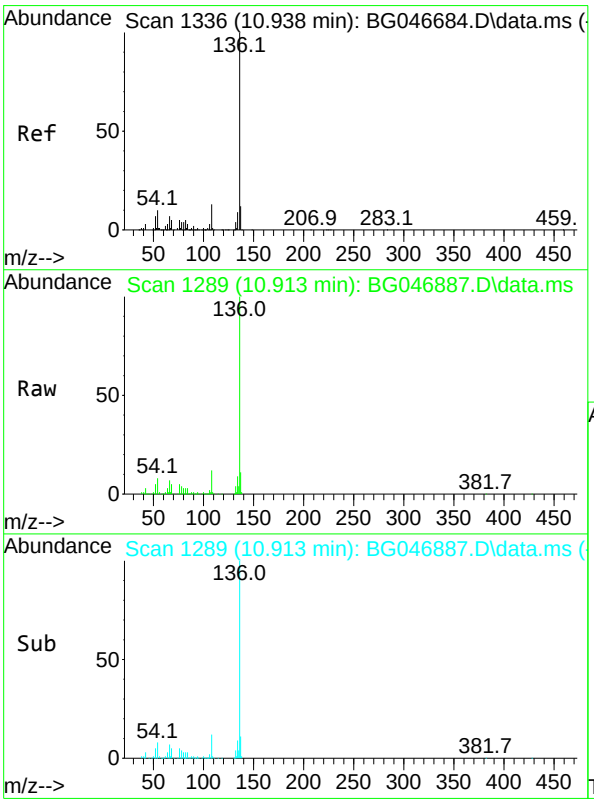


#19
n-Nitroso-di-n-propylamine
Concen: 18.93 ng
RT: 9.268 min Scan# 1009
Delta R.T. 0.356 min
Lab File: BG046887.D
Acq: 13 Oct 2020 23:48

Tgt Ion: 70 Resp: 73001

Ion	Ratio	Lower	Upper
70	100		
42	47.2	45.6	68.4
101	0.0	8.4	12.6#
130	1.6	17.8	26.8#

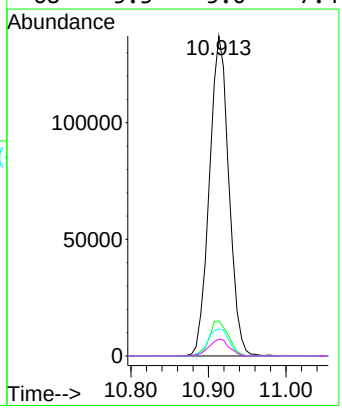




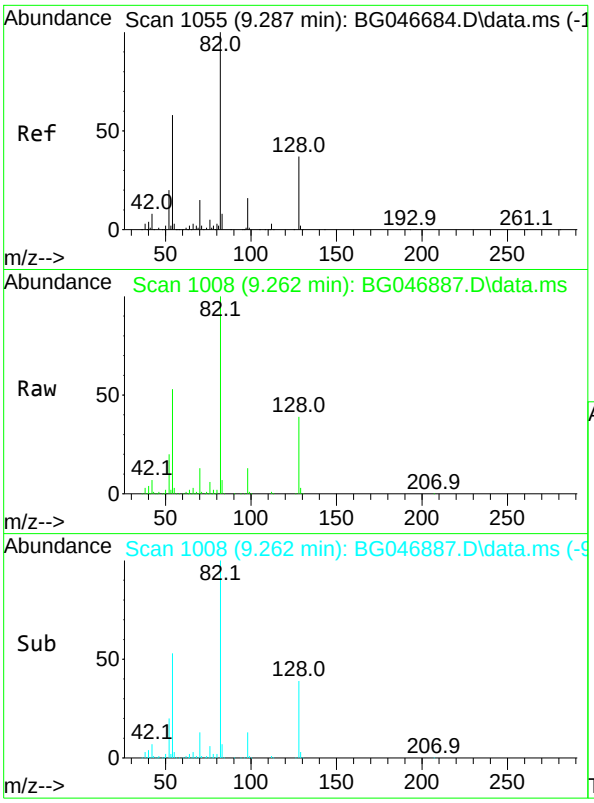
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.913 min Scan# 1289
Delta R.T. -0.009 min
Lab File: BG046887.D
Acq: 13 Oct 2020 23:48

Tgt Ion:136 Resp: 239970

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.4	6.2	9.4
68	5.3	5.0	7.4



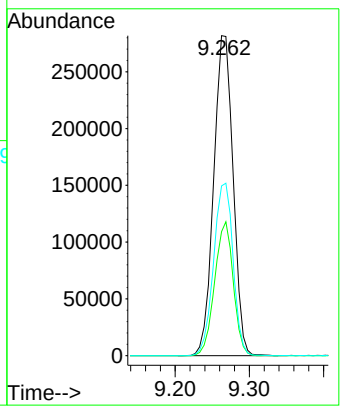
Instrument :
BNA_G
ClientSampleId :
OH-WC-C-J4

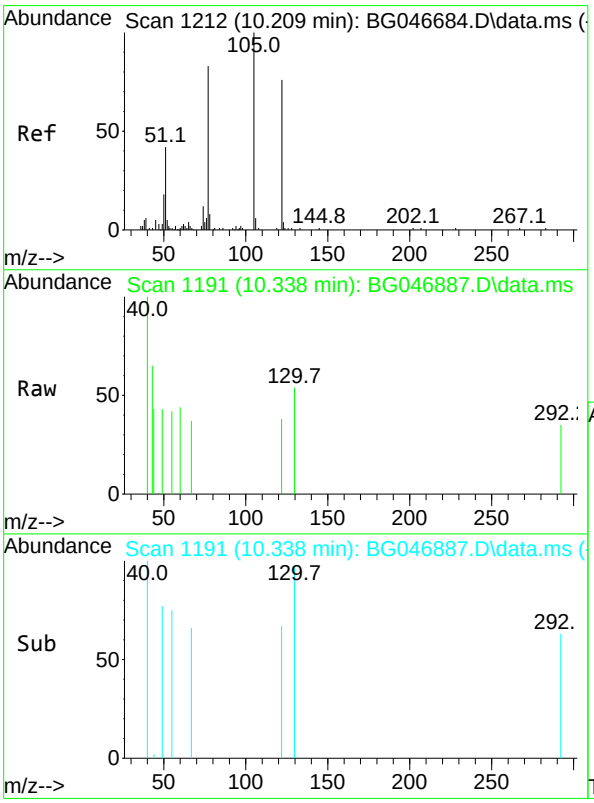


#23
Nitrobenzene-d5
Concen: 113.59 ng
RT: 9.262 min Scan# 1008
Delta R.T. -0.009 min
Lab File: BG046887.D
Acq: 13 Oct 2020 23:48

Tgt Ion: 82 Resp: 512391

Ion	Ratio	Lower	Upper
82	100		
128	38.7	37.0	55.6
54	53.1	39.0	58.4

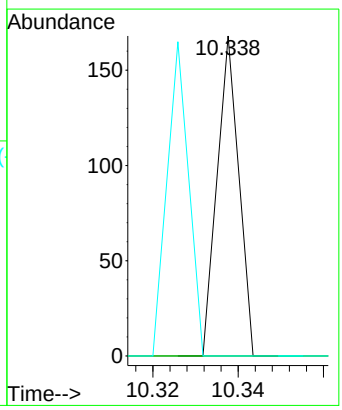




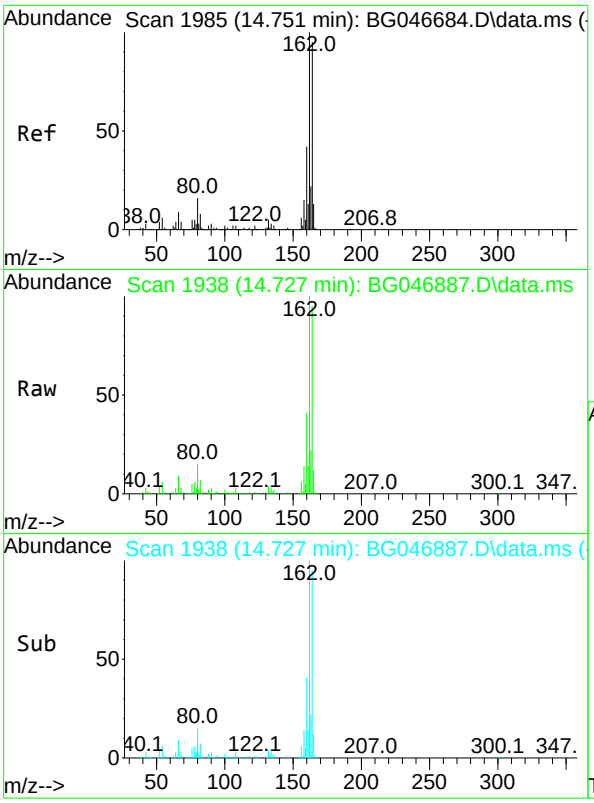
#32
Benzoic acid
Concen: 6.36 ng
RT: 10.338 min Scan# 1191
Delta R.T. 0.144 min
Lab File: BG046887.D
Acq: 13 Oct 2020 23:48

Tgt Ion:122 Resp: 59

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



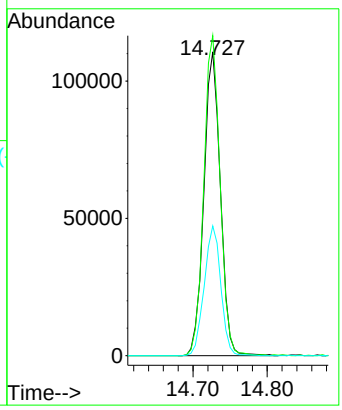
Instrument :
BNA_G
ClientSampleId :
OH-WC-C-J4

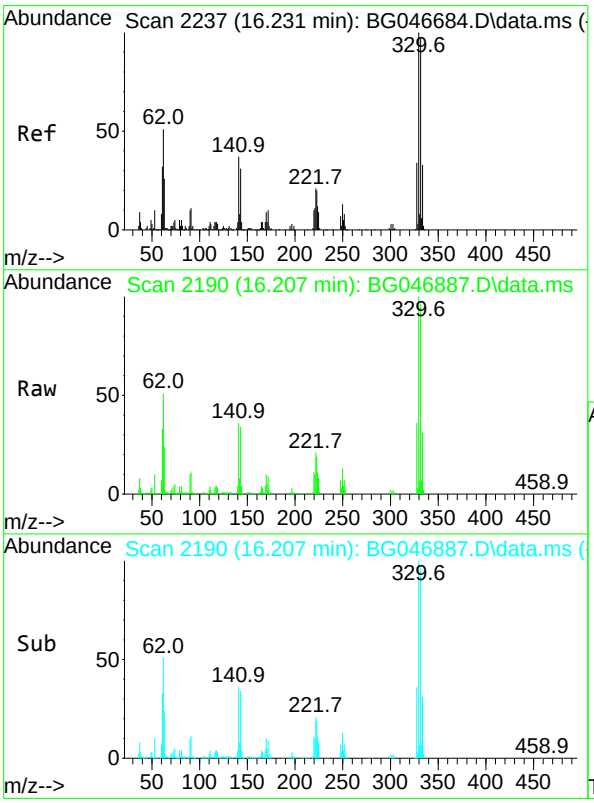


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.009 min
Lab File: BG046887.D
Acq: 13 Oct 2020 23:48

Tgt Ion:164 Resp: 171437

Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.3	123.5
160	42.7	35.3	52.9

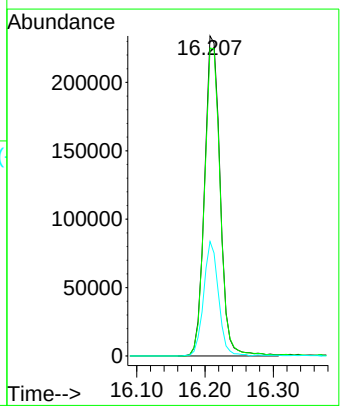


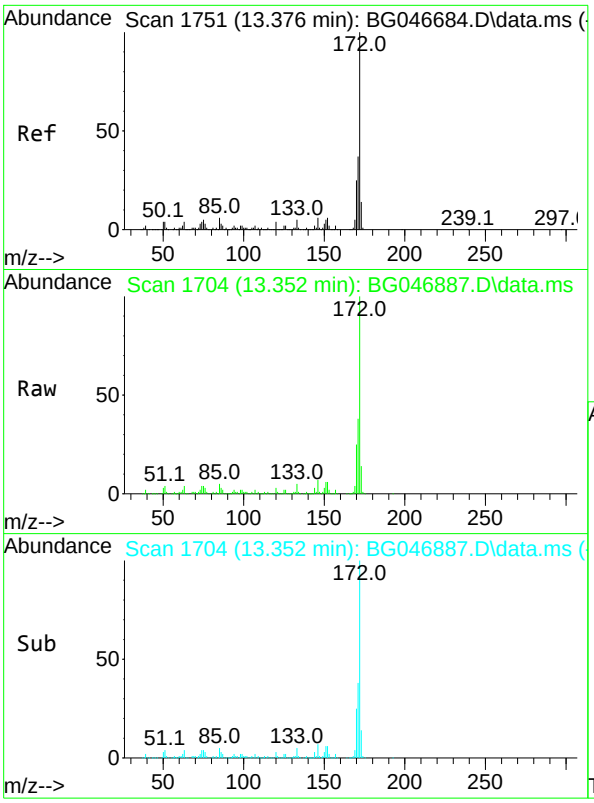


#42
2,4,6-Tribromophenol
Concen: 164.48 ng
RT: 16.207 min Scan# 2190
Delta R.T. -0.009 min
Lab File: BG046887.D
Acq: 13 Oct 2020 23:48

Tgt Ion:330 Resp: 371820

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.5	114.7
141	34.1	26.0	39.0

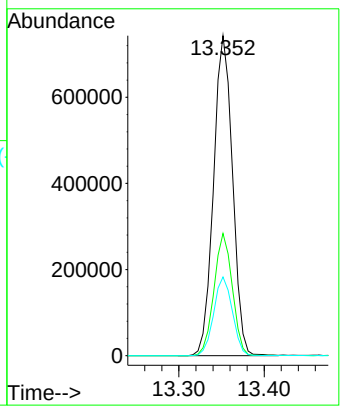




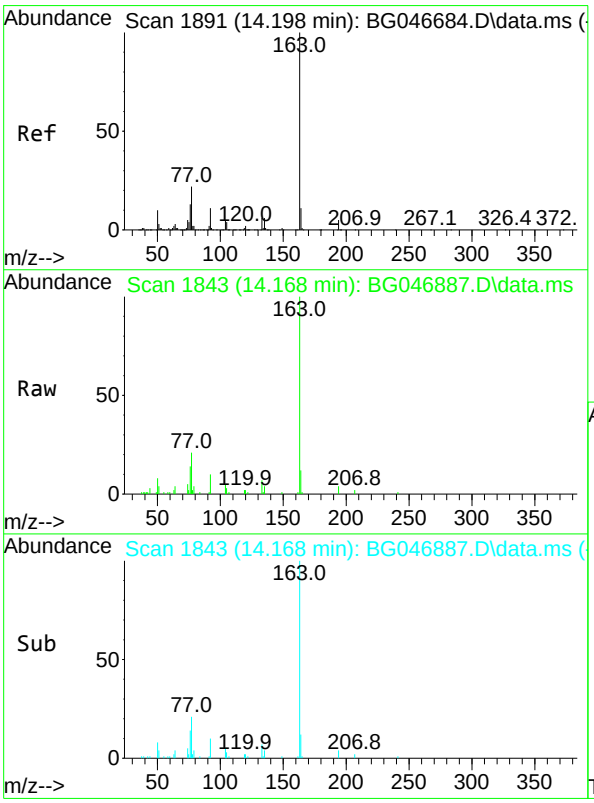
#45
2-Fluorobiphenyl
Concen: 94.86 ng
RT: 13.352 min Scan# 1704
Delta R.T. -0.009 min
Lab File: BG046887.D
Acq: 13 Oct 2020 23:48

Tgt Ion:172 Resp: 1148720

Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.3	46.9
170	24.6	20.8	31.2



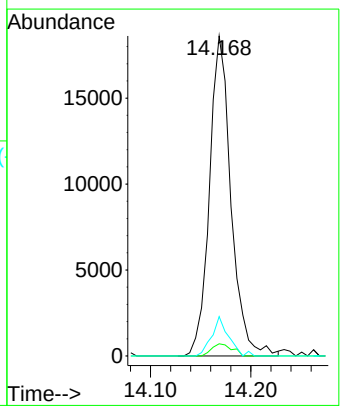
Instrument :
BNA_G
ClientSampleId :
OH-WC-C-J4



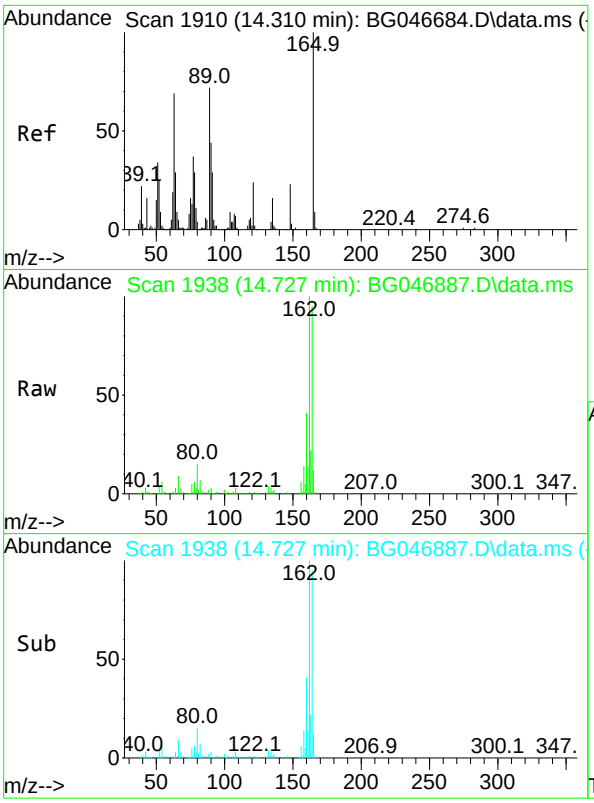
#50
Dimethylphthalate
Concen: 2.04 ng
RT: 14.168 min Scan# 1843
Delta R.T. -0.015 min
Lab File: BG046887.D
Acq: 13 Oct 2020 23:48

Tgt Ion:163 Resp: 27883

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.8	5.8#
164	12.3	8.8	13.2



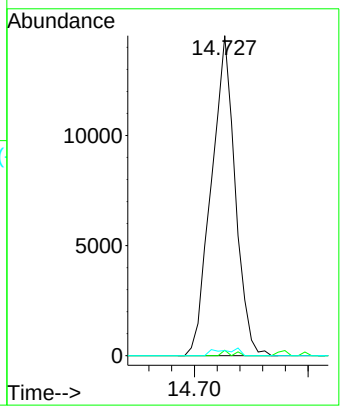
Instrument :
BNA_G
ClientSampleId :
OH-WC-C-J4

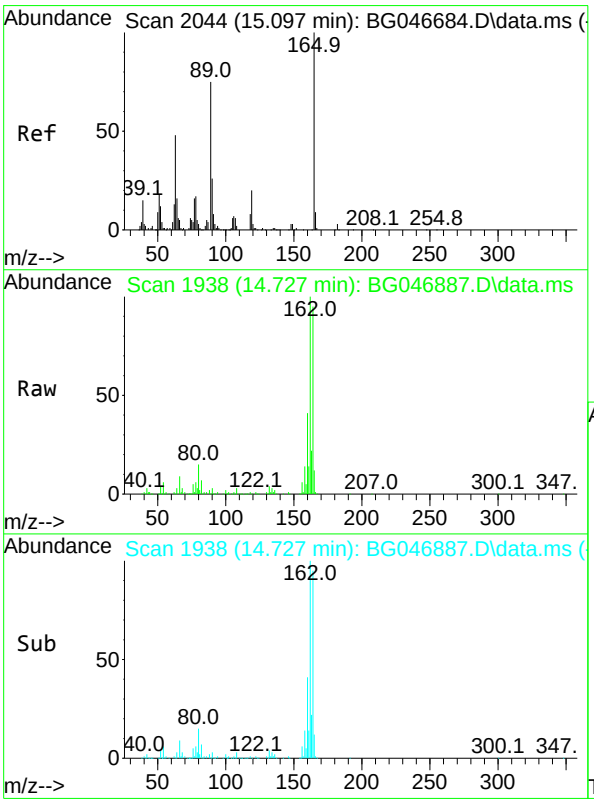


#51
2,6-Dinitrotoluene
Concen: 9.49 ng
RT: 14.727 min Scan# 1938
Delta R.T. 0.426 min
Lab File: BG046887.D
Acq: 13 Oct 2020 23:48

Tgt Ion:165 Resp: 21119

Ion	Ratio	Lower	Upper
165	100		
63	1.7	33.7	50.5#
89	1.6	36.6	54.8#

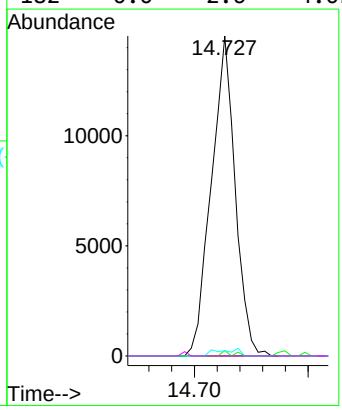




#57
2,4-Dinitrotoluene
Concen: 7.17 ng
RT: 14.727 min Scan# 1938
Delta R.T. -0.355 min
Lab File: BG046887.D
Acq: 13 Oct 2020 23:48

Tgt Ion:165 Resp: 21119

Ion	Ratio	Lower	Upper
165	100		
63	1.7	26.4	39.6#
89	1.6	47.8	71.8#
182	0.0	2.6	4.0#



Instrument :
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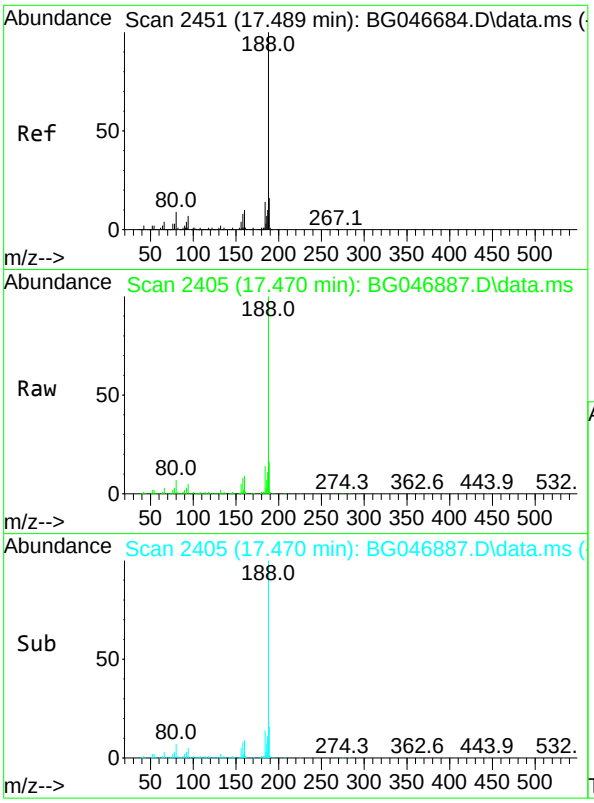
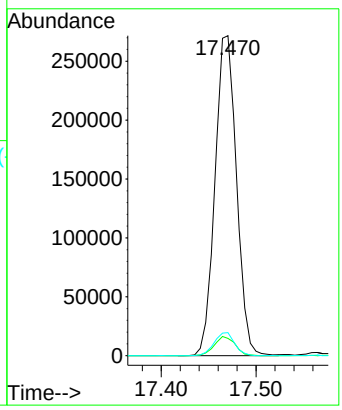
ClientSampleId :
OH-WC-C-J4

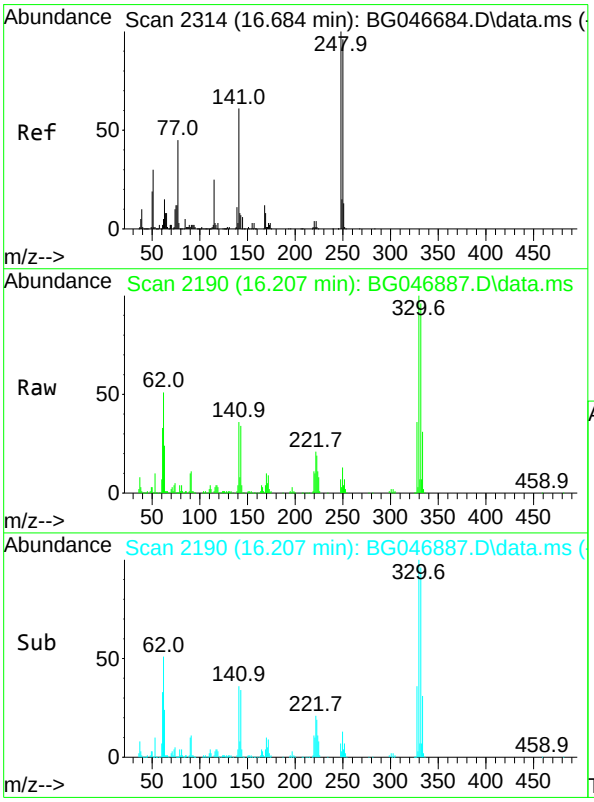


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.470 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG046887.D
Acq: 13 Oct 2020 23:48

Tgt Ion:188 Resp: 428892

Ion	Ratio	Lower	Upper
188	100		
94	5.4	6.3	9.5#
80	7.2	7.0	10.6

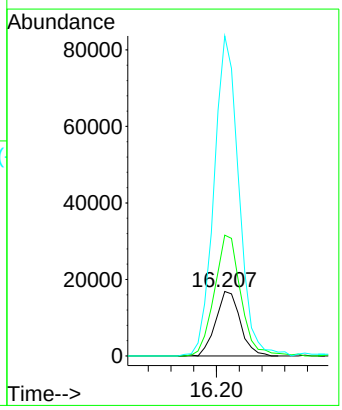




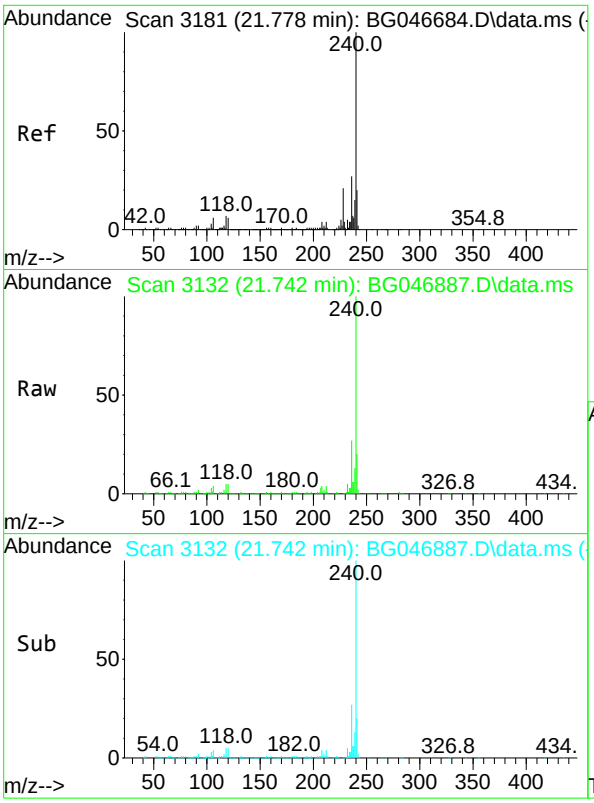
#67
4-Bromophenyl-phenylether
Concen: 4.64 ng
RT: 16.207 min Scan# 2190
Delta R.T. -0.455 min
Lab File: BG046887.D
Acq: 13 Oct 2020 23:48

Tgt Ion:248 Resp: 25171

Ion	Ratio	Lower	Upper
248	100		
250	182.0	78.9	118.3#
141	365.0	46.2	69.4#



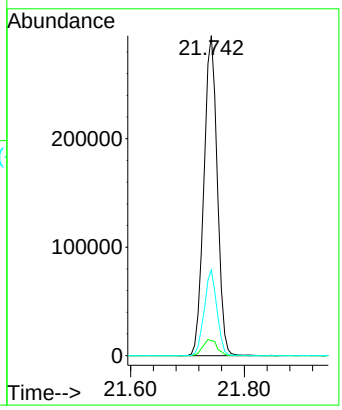
Instrument :
BNA_G
ClientSampleId :
OH-WC-C-J4

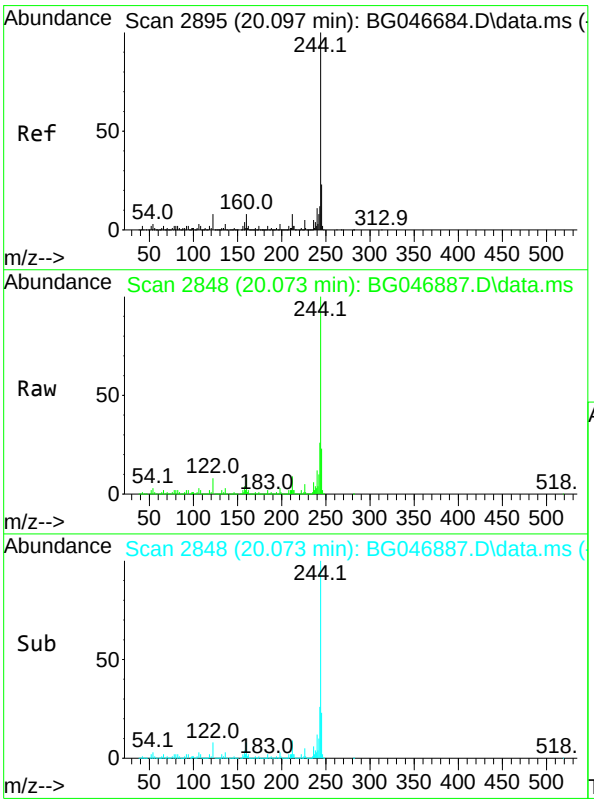


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.742 min Scan# 3132
Delta R.T. -0.015 min
Lab File: BG046887.D
Acq: 13 Oct 2020 23:48

Tgt Ion:240 Resp: 480138

Ion	Ratio	Lower	Upper
240	100		
120	4.7	6.2	9.4#
236	26.8	20.5	30.7

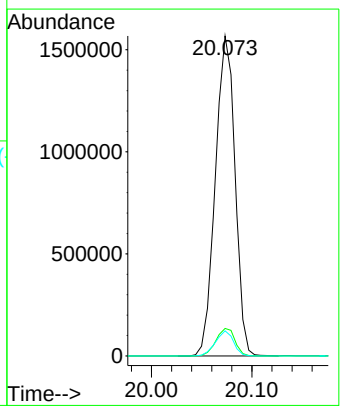


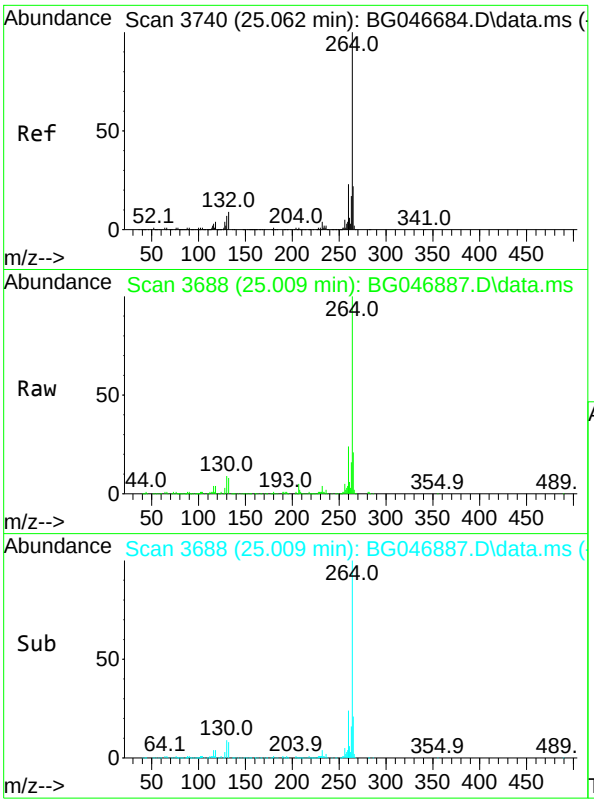


#79
Terphenyl-d14
Concen: 89.25 ng
RT: 20.073 min Scan# 2848
Delta R.T. -0.009 min
Lab File: BG046887.D
Acq: 13 Oct 2020 23:48

Tgt Ion:244 Resp: 2138242

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.7	10.1
122	7.9	7.8	11.6

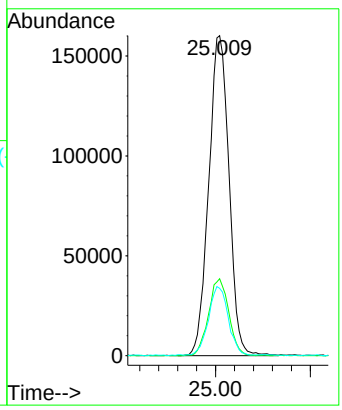




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.009 min Scan# 3688
Delta R.T. -0.021 min
Lab File: BG046887.D
Acq: 13 Oct 2020 23:48

Tgt Ion:264 Resp: 475394

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.1	17.8	26.8



Instrument :
BNA_G
ClientSampleId :
OH-WC-C-J4