Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100721\
Data File : BG050491.D
Acq On : 7 Oct 2021 20:27
Operator : CG/JU
Sample : M4087-09RX
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-20211005-ROCK

Quant Time: Oct 08 05:46:04 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 15:51:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	46552	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	189814	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	122476	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	282895	20.000	ng	# 0.00
76) Chrysene-d12	21.913	240	269738	20.000	ng	# 0.00
86) Perylene-d12	25.327	264	263812	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	271926	87.359	ng	0.00
7) Phenol-d6	7.395	99	364879	80.964	ng	0.00
23) Nitrobenzene-d5	9.428	82	262676	57.286	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	102650	87.870	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	474336	58.288	ng	0.00
79) Terphenyl-d14	20.203	244	793219	57.309	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.389	77	787	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.428	70	36989	11.261	ng	# 75
51) 2,6-Dinitrotoluene	14.874	165	15998	8.628	ng	# 11
57) 2,4-Dinitrotoluene	14.874	165	15998	6.121	ng	# 17
67) 4-Bromophenyl-phenylether	16.355	248	8604	3.018	ng	# 1

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

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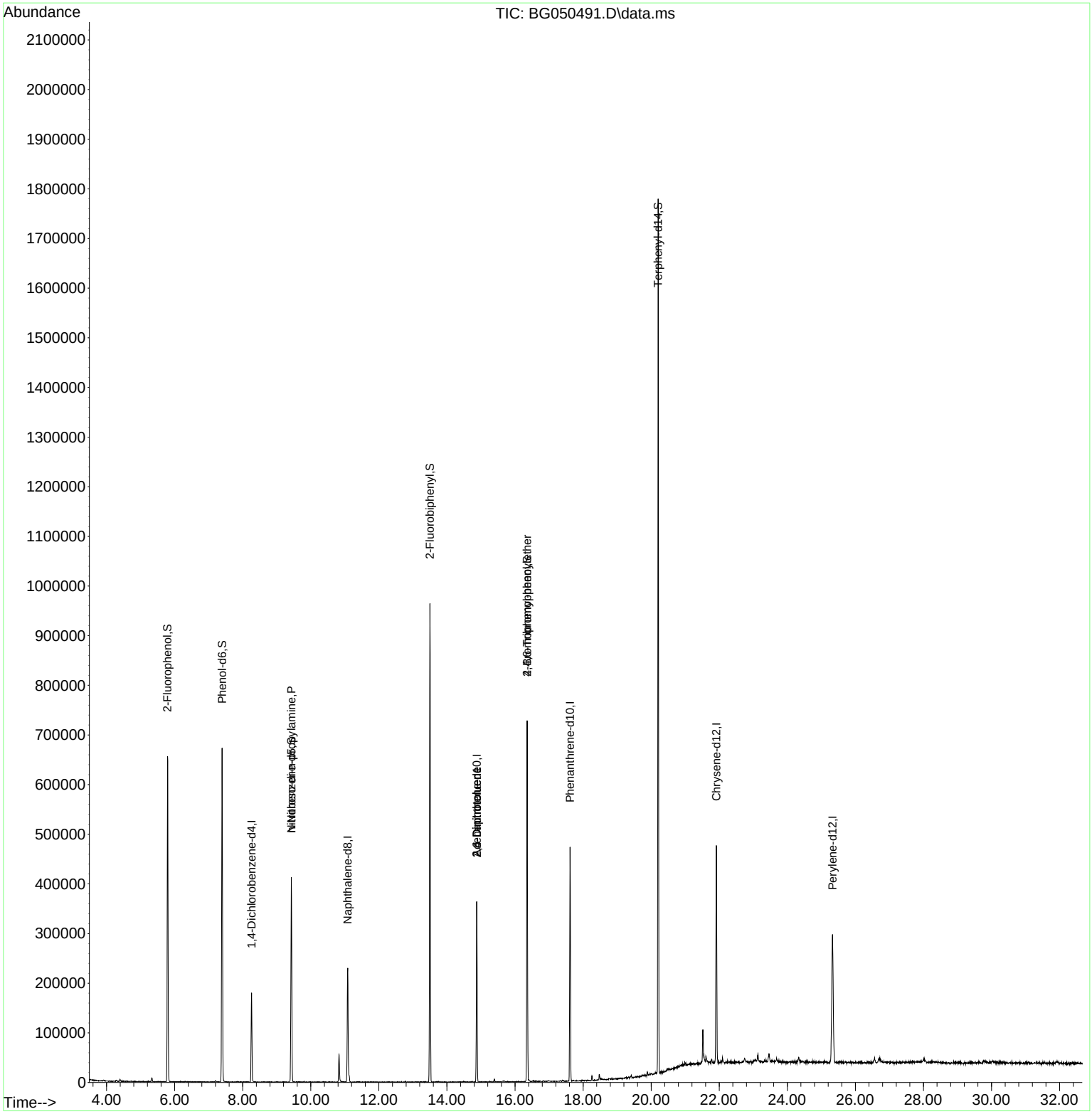
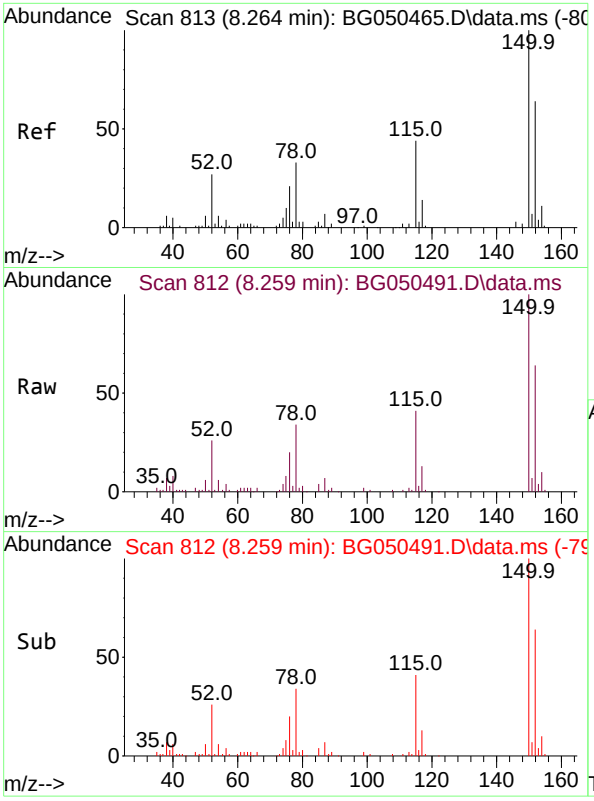
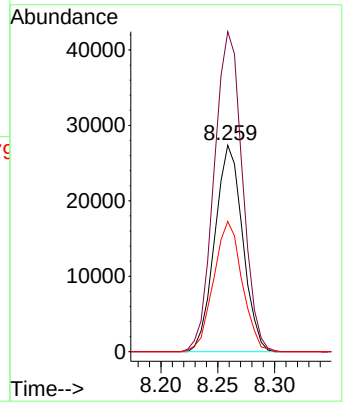




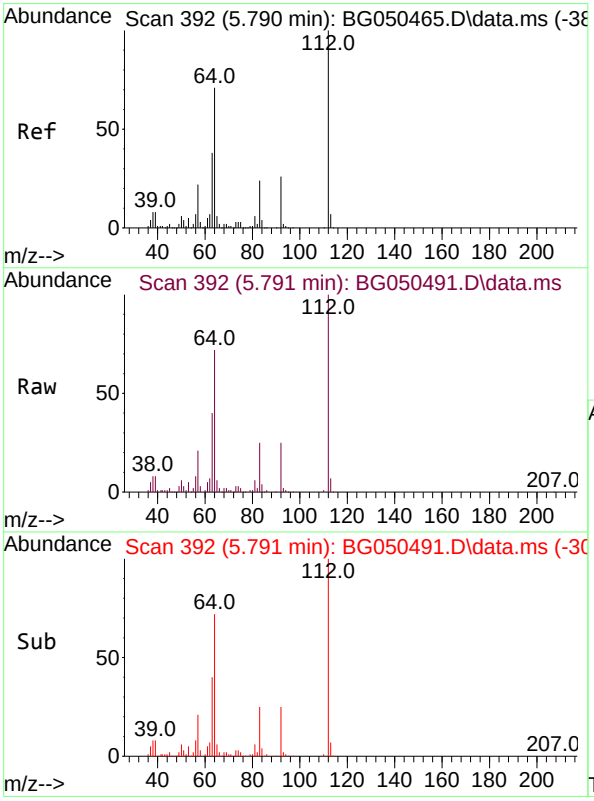
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050491.D
Acq: 7 Oct 2021 20:27

Tgt Ion:152 Resp: 46552

Ion	Ratio	Lower	Upper
152	100		
150	155.1	119.4	179.0
115	63.1	60.2	90.4



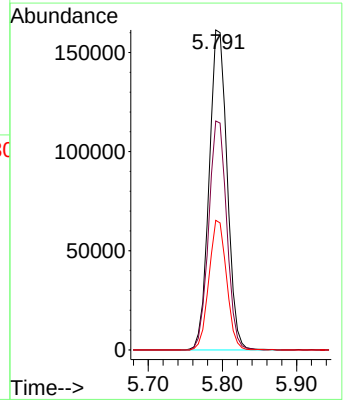
Instrument :
BNA_G
ClientSampleId :
WC-20211005-ROCK

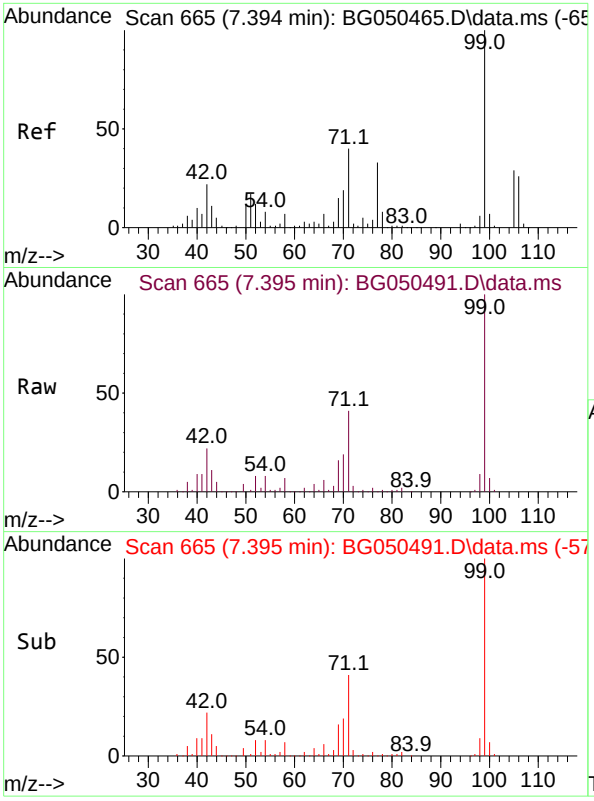


#5
2-Fluorophenol
Concen: 87.359 ng
RT: 5.791 min Scan# 392
Delta R.T. 0.001 min
Lab File: BG050491.D
Acq: 7 Oct 2021 20:27

Tgt Ion:112 Resp: 271926

Ion	Ratio	Lower	Upper
112	100		
64	71.5	46.7	70.1#
63	40.5	35.3	52.9

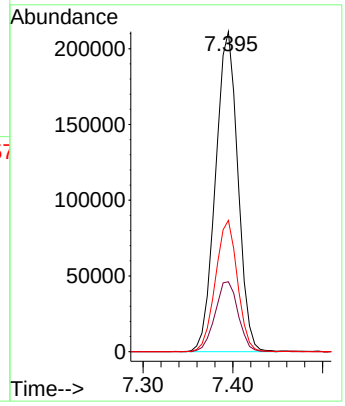




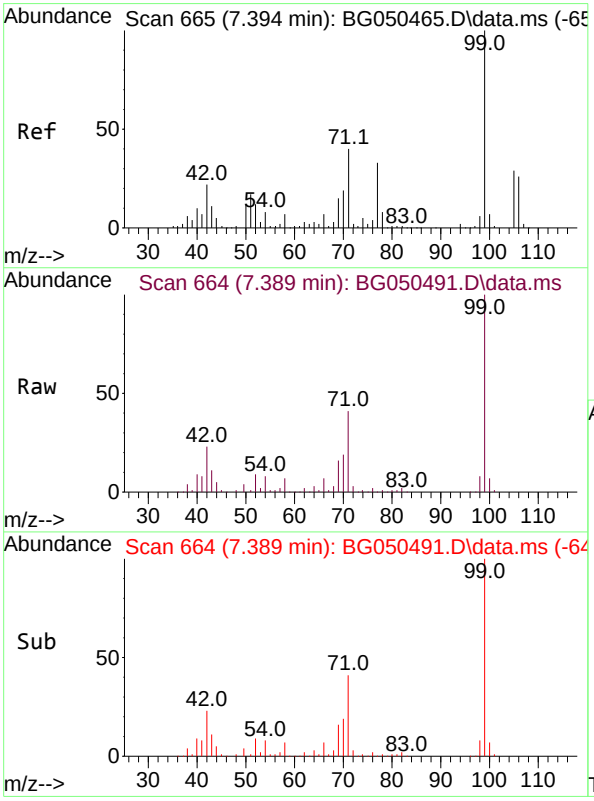
#7
Phenol-d6
Concen: 80.964 ng
RT: 7.395 min Scan# 665
Delta R.T. 0.001 min
Lab File: BG050491.D
Acq: 7 Oct 2021 20:27

Tgt Ion: 99 Resp: 364879

Ion	Ratio	Lower	Upper
99	100		
42	21.8	20.5	30.7
71	41.0	41.5	62.3#



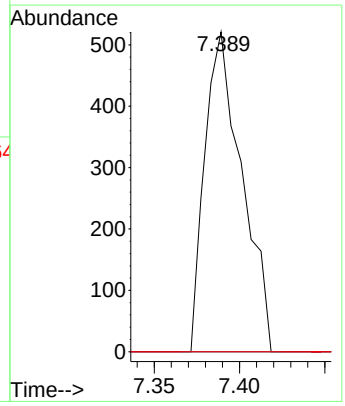
Instrument :
BNA_G
ClientSampleId :
WC-20211005-ROCK

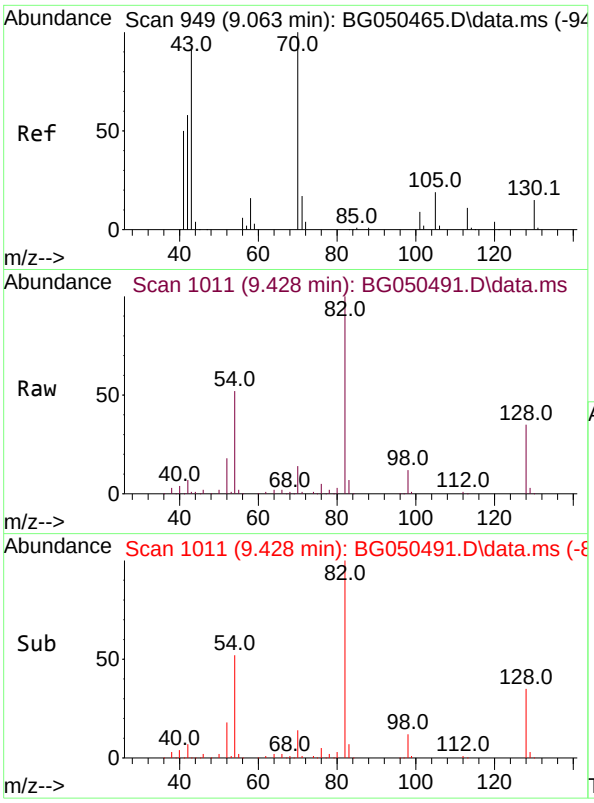


#9
Benzaldehyde
Concen: Below Cal
RT: 7.389 min Scan# 664
Delta R.T. -0.005 min
Lab File: BG050491.D
Acq: 7 Oct 2021 20:27

Tgt Ion: 77 Resp: 787

Ion	Ratio	Lower	Upper
77	100		
105	0.0	68.8	108.8#
106	0.0	47.9	87.9#

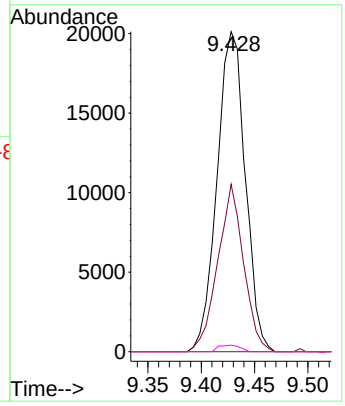




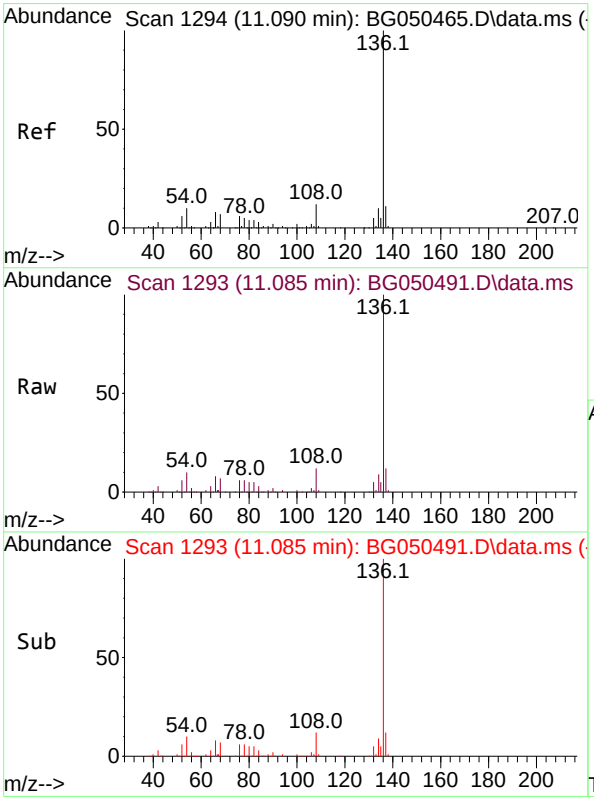
#19
n-Nitroso-di-n-propylamine
Concen: 11.261 ng
RT: 9.428 min Scan# 1011
Delta R.T. 0.365 min
Lab File: BG050491.D
Acq: 7 Oct 2021 20:27

Tgt Ion: 70 Resp: 36989

Ion	Ratio	Lower	Upper
70	100		
42	52.3	54.5	81.7#
101	0.0	9.0	13.6#
130	2.1	17.0	25.6#



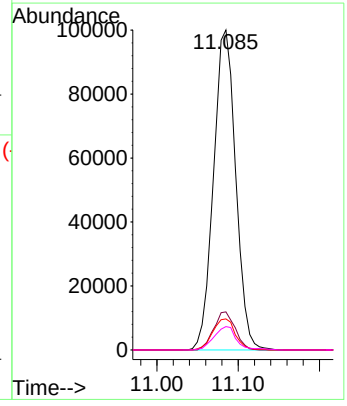
Instrument :
BNA_G
ClientSampleId :
WC-20211005-ROCK

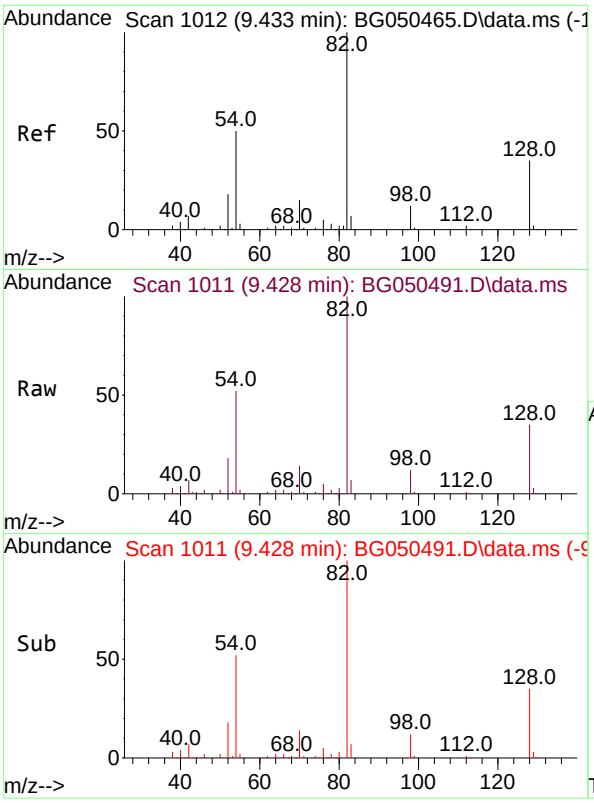


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050491.D
Acq: 7 Oct 2021 20:27

Tgt Ion:136 Resp: 189814

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.2	12.2
54	9.7	5.5	8.3#
68	7.3	2.3	3.5#

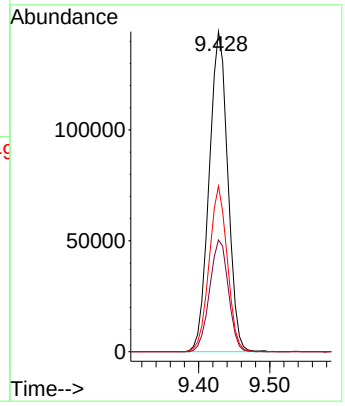




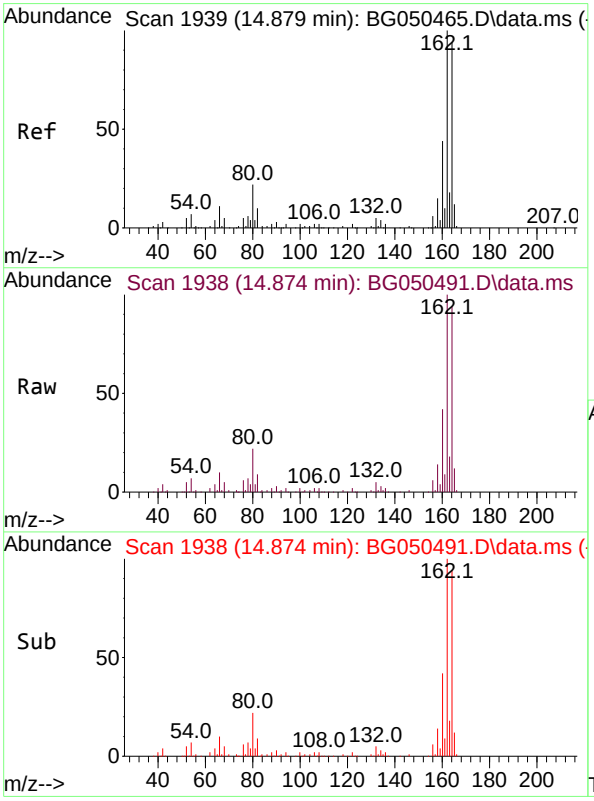
#23
Nitrobenzene-d5
Concen: 57.286 ng
RT: 9.428 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG050491.D
Acq: 7 Oct 2021 20:27

Tgt Ion: 82 Resp: 262676

Ion	Ratio	Lower	Upper
82	100		
128	34.9	29.8	44.6
54	51.7	45.8	68.8



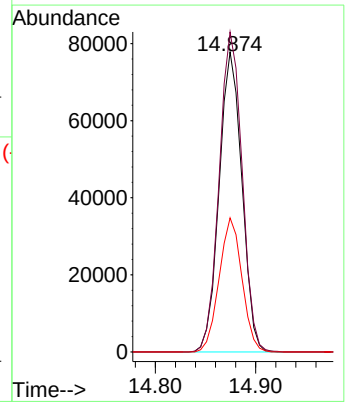
Instrument :
BNA_G
ClientSampleId :
WC-20211005-ROCK



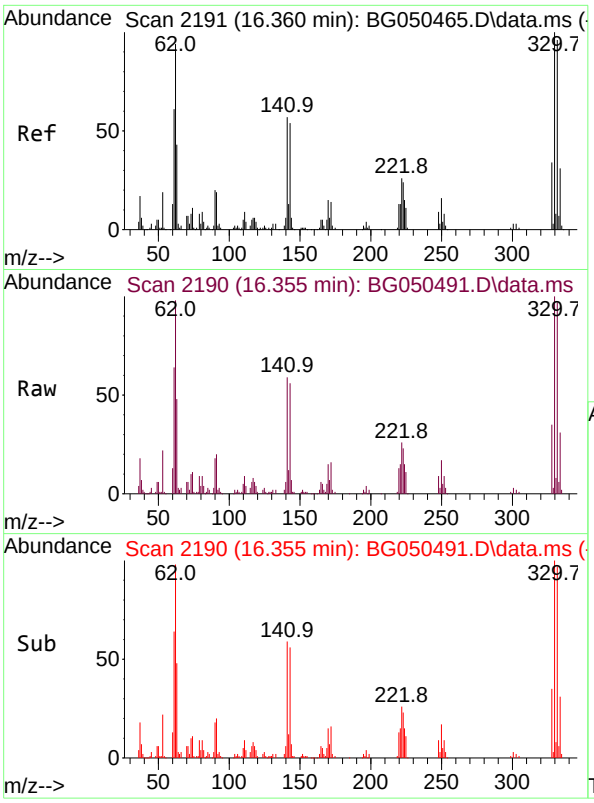
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG050491.D
Acq: 7 Oct 2021 20:27

Tgt Ion:164 Resp: 122476

Ion	Ratio	Lower	Upper
164	100		
162	106.6	81.4	122.0
160	44.7	34.9	52.3



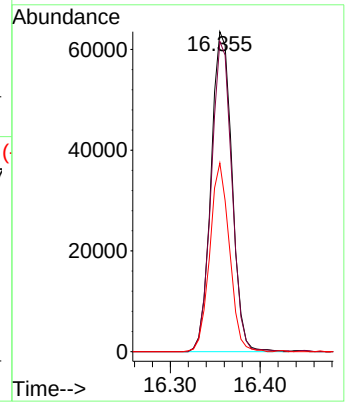
Instrument :
BNA_G
ClientSampleId :
WC-20211005-ROCK

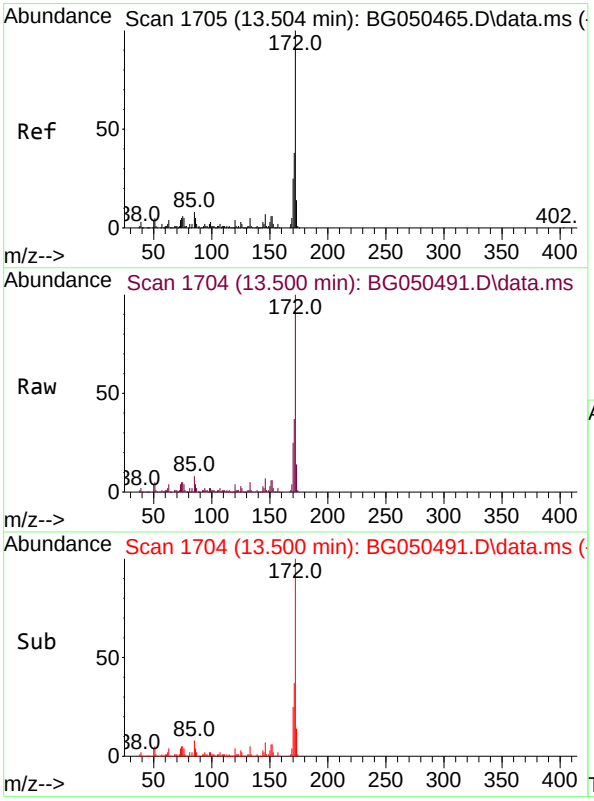


#42
2,4,6-Tribromophenol
Concen: 87.870 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG050491.D
Acq: 7 Oct 2021 20:27

Tgt Ion:330 Resp: 102650

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.3	115.9
141	55.3	35.6	53.4#

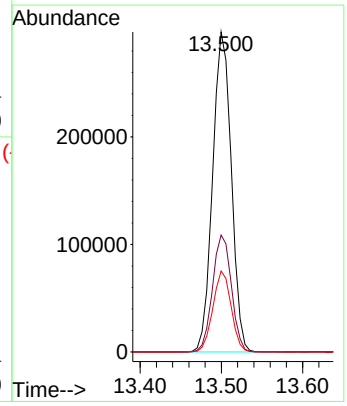




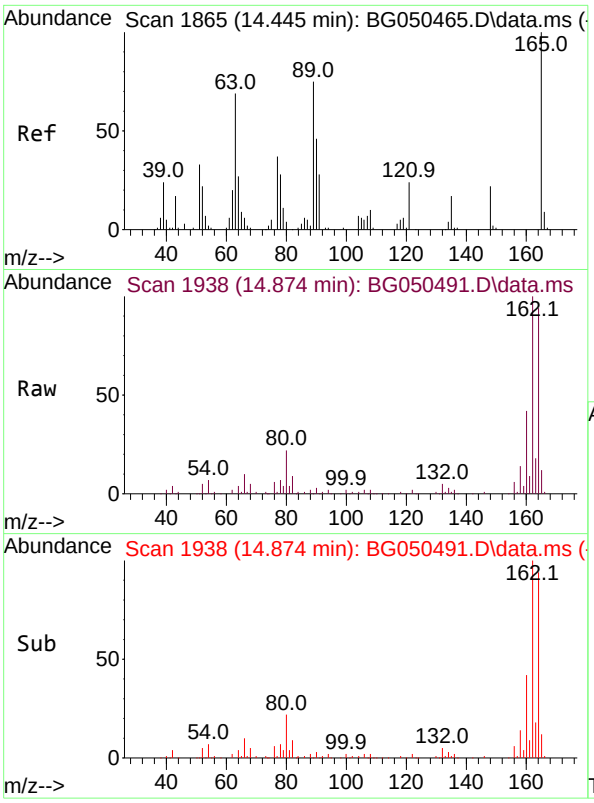
#45
2-Fluorobiphenyl
Concen: 58.288 ng
RT: 13.500 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG050491.D
Acq: 7 Oct 2021 20:27

Tgt Ion:172 Resp: 474336

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	25.3	18.6	27.8



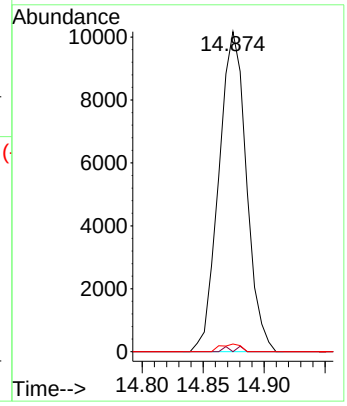
Instrument :
BNA_G
ClientSampleId :
WC-20211005-ROCK

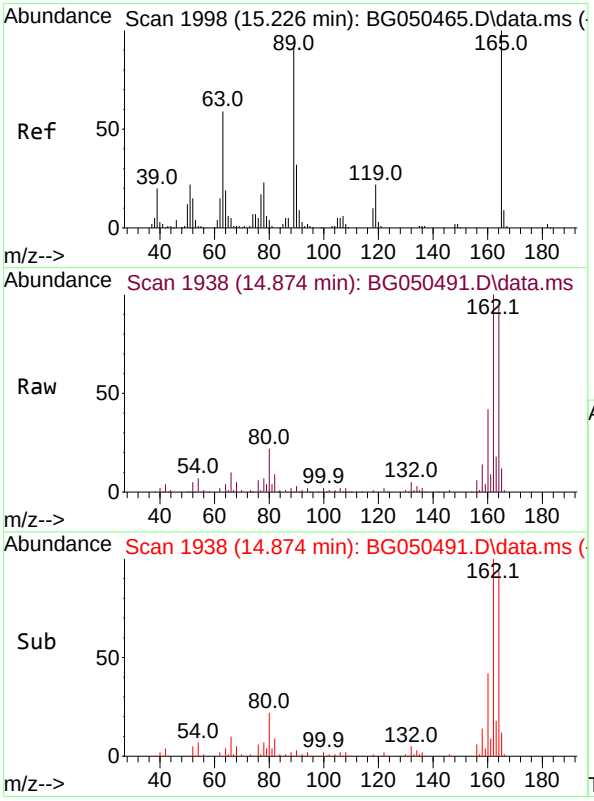


#51
2,6-Dinitrotoluene
Concen: 8.628 ng
RT: 14.874 min Scan# 1938
Delta R.T. 0.430 min
Lab File: BG050491.D
Acq: 7 Oct 2021 20:27

Tgt Ion:165 Resp: 15998

Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.3	94.9#
89	2.4	63.4	95.0#

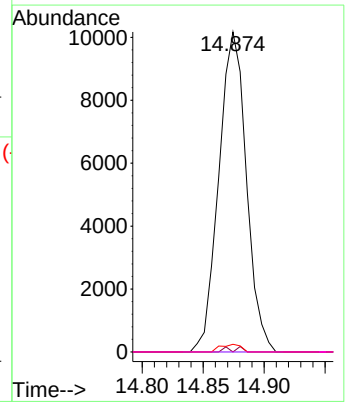




#57
2,4-Dinitrotoluene
Concen: 6.121 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.352 min
Lab File: BG050491.D
Acq: 7 Oct 2021 20:27

Tgt Ion:165 Resp: 15998

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.0	72.0#
89	2.4	65.4	98.0#
182	0.0	2.0	3.0#



Instrument :
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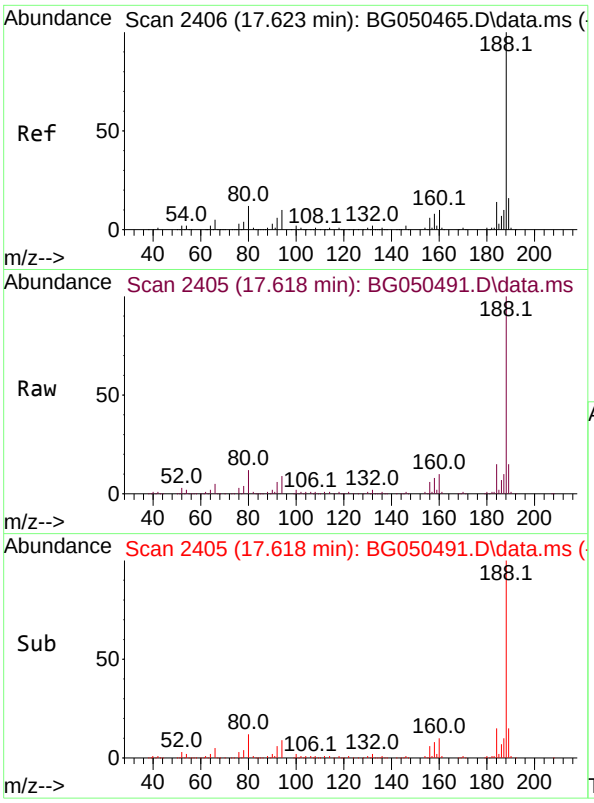
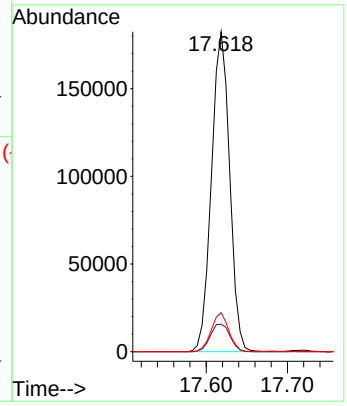
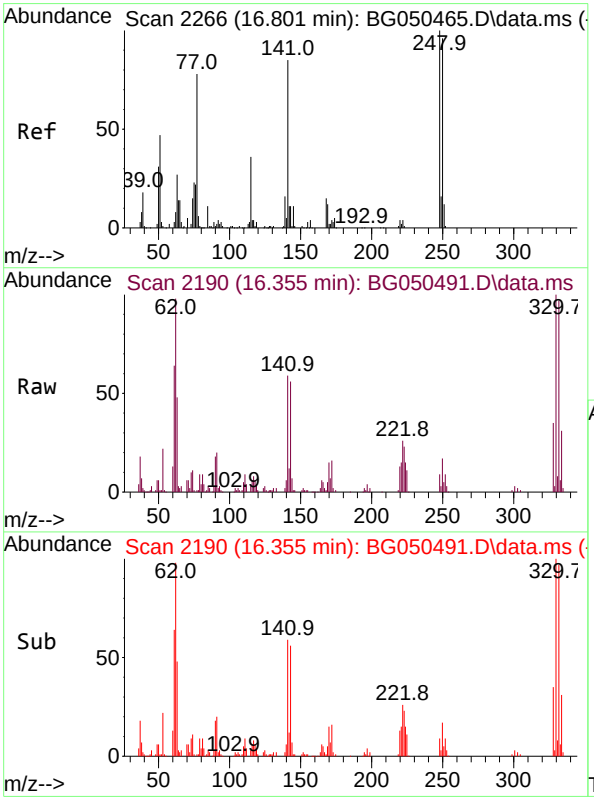


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG050491.D
Acq: 7 Oct 2021 20:27

Tgt Ion:188 Resp: 282895

Ion	Ratio	Lower	Upper
188	100		
94	8.6	5.4	8.0#
80	12.2	3.7	5.5#

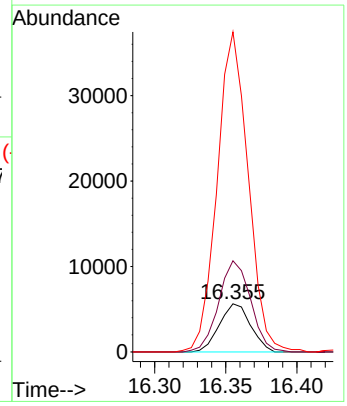




#67
4-Bromophenyl-phenylether
Concen: 3.018 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.446 min
Lab File: BG050491.D
Acq: 7 Oct 2021 20:27

Tgt Ion:248 Resp: 8604

Ion	Ratio	Lower	Upper
248	100		
250	189.4	76.1	114.1#
141	664.2	65.4	98.2#



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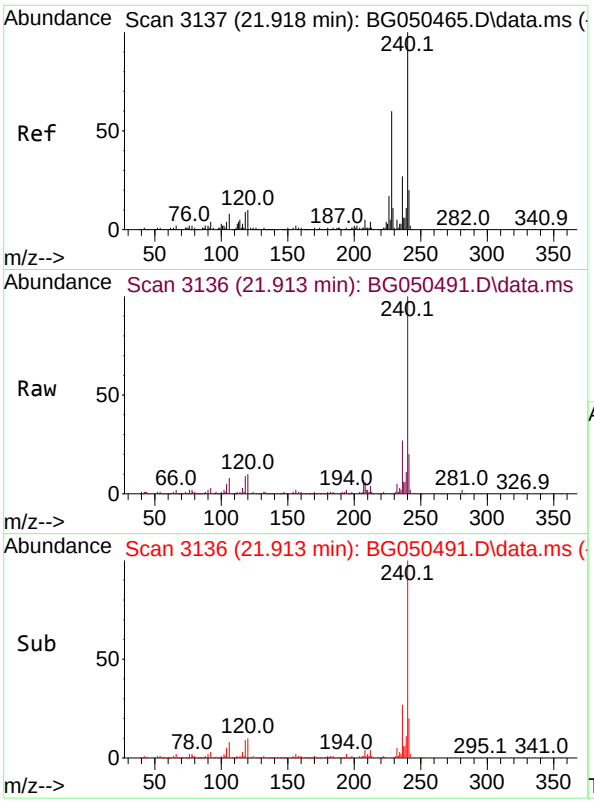
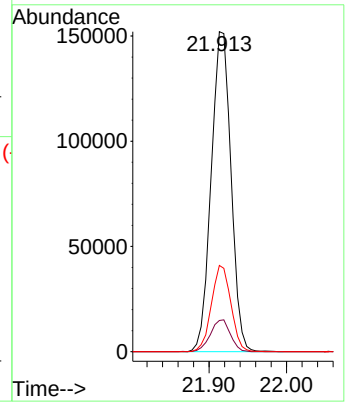
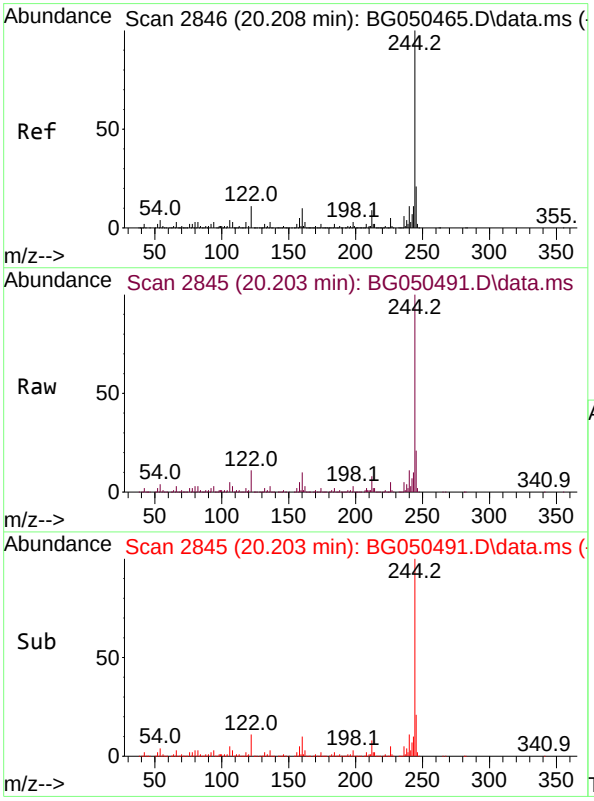


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3136
Delta R.T. -0.005 min
Lab File: BG050491.D
Acq: 7 Oct 2021 20:27

Tgt Ion:240 Resp: 269738

Ion	Ratio	Lower	Upper
240	100		
120	9.7	4.2	6.2#
236	27.0	21.8	32.6

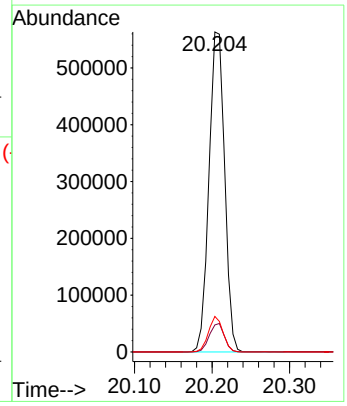


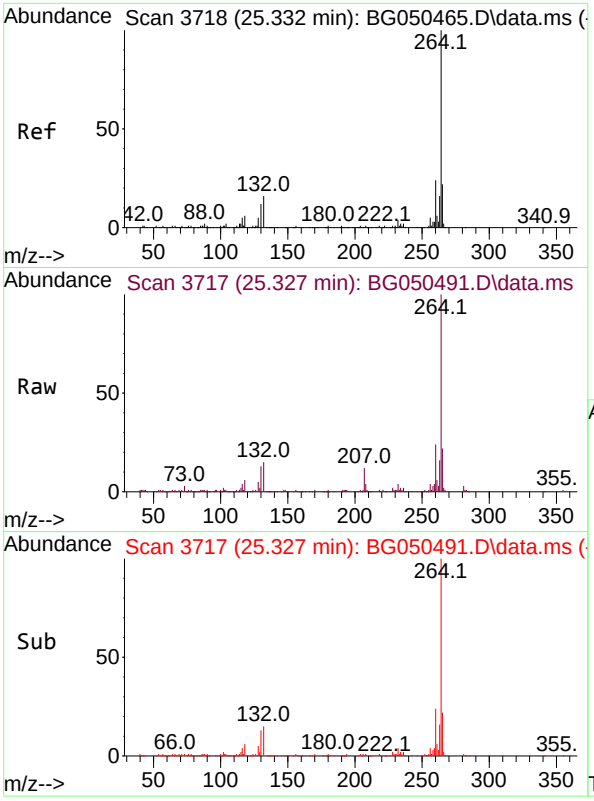


#79
Terphenyl-d14
Concen: 57.309 ng
RT: 20.203 min Scan# 2845
Delta R.T. -0.005 min
Lab File: BG050491.D
Acq: 7 Oct 2021 20:27

Tgt Ion:244 Resp: 793219

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	11.1	5.0	7.6#

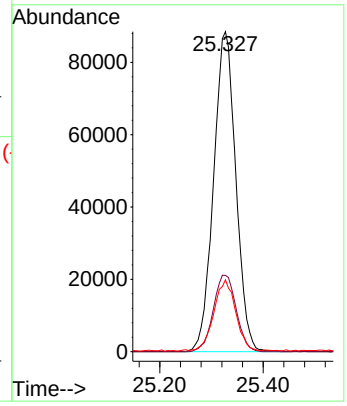




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.327 min Scan# 3717
Delta R.T. -0.005 min
Lab File: BG050491.D
Acq: 7 Oct 2021 20:27

Tgt Ion:264 Resp: 263812

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.4	16.9	25.3



Instrument :
BNA_G
ClientSampleId :
WC-20211005-ROCK