Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102921\
Data File : BG050789.D
Acq On : 29 Oct 2021 22:47
Operator : CG/JU
Sample : M4395-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-FFS

Quant Time: Oct 30 01:39:22 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.244	152	29562	20.000	ng	#-0.01
21) Naphthalene-d8	11.070	136	124662	20.000	ng	#-0.01
39) Acenaphthene-d10	14.871	164	83641	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	192862	20.000	ng	# 0.00
76) Chrysene-d12	21.916	240	183030	20.000	ng	# 0.00
86) Perylene-d12	25.336	264	182350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.782	112	226922	114.799	ng	0.00
7) Phenol-d6	7.386	99	309270	108.065	ng	-0.01
23) Nitrobenzene-d5	9.413	82	212982	70.724	ng	-0.01
42) 2,4,6-Tribromophenol	16.358	330	97518	122.235	ng	0.00
45) 2-Fluorobiphenyl	13.491	172	410291	73.828	ng	-0.01
79) Terphenyl-d14	20.206	244	630220	67.103	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.392	77	684	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.419	70	29575	14.178	ng	# 70
51) 2,6-Dinitrotoluene	14.866	165	10903	8.610	ng	# 12
57) 2,4-Dinitrotoluene	14.866	165	10903	6.109	ng	# 17
67) 4-Bromophenyl-phenylether	16.352	248	7599	3.910	ng	# 1

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

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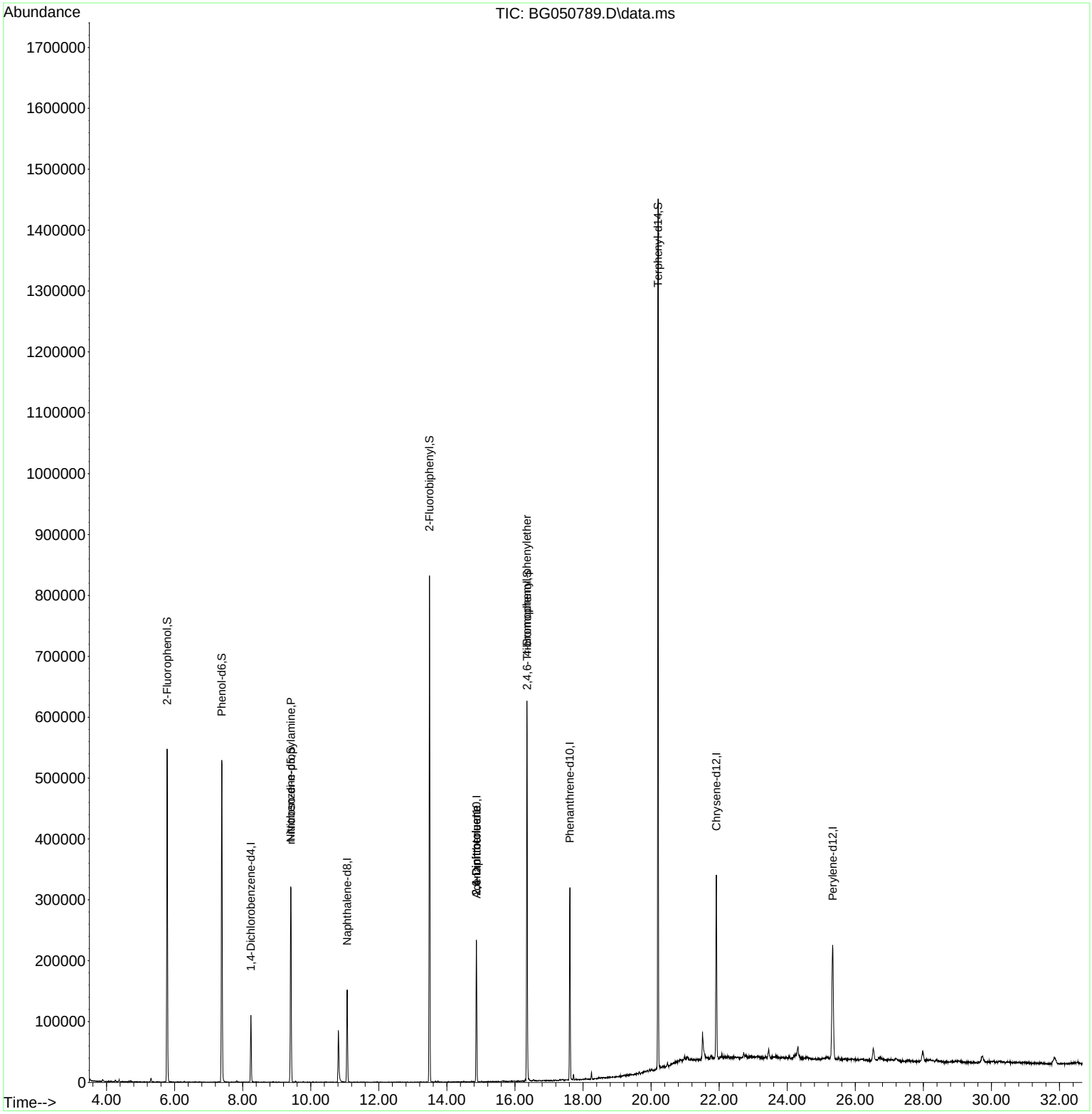

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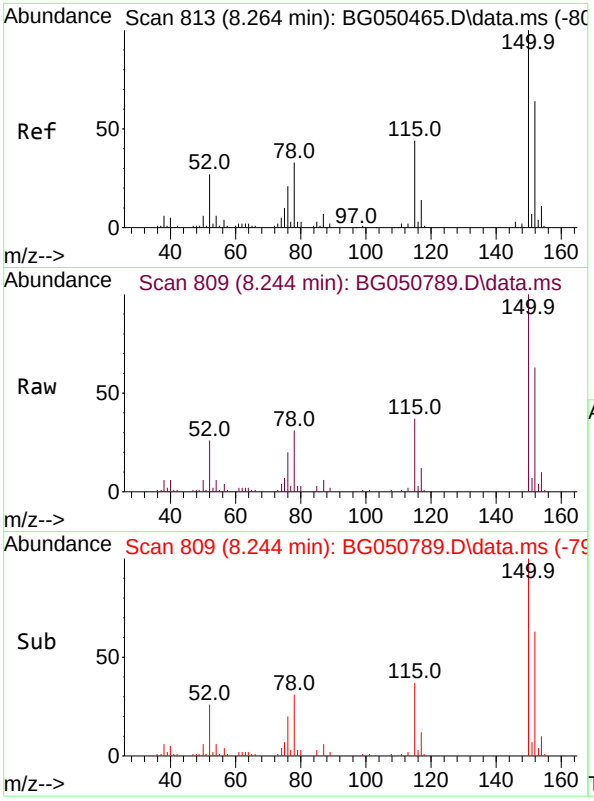
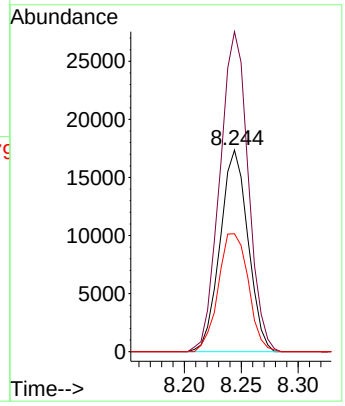
MH-FFS

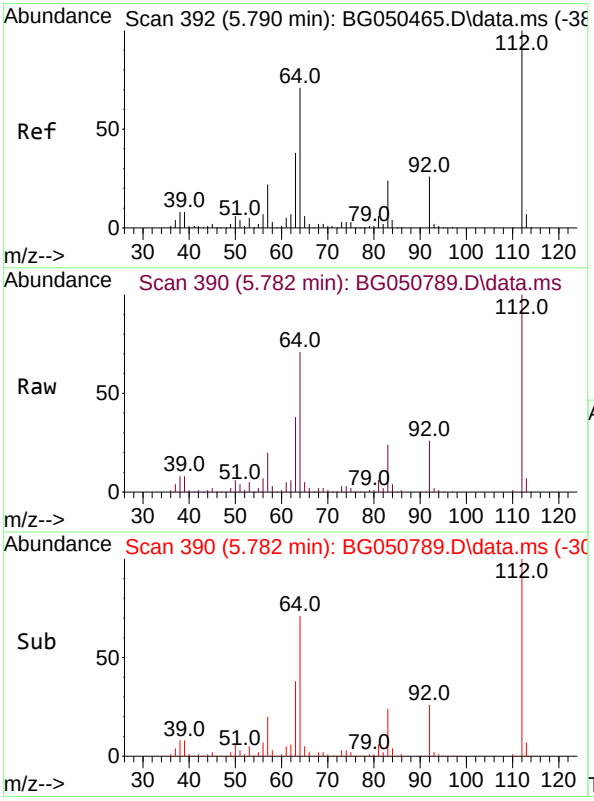


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.244 min Scan# 809
Delta R.T. -0.014 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

Tgt Ion:152 Resp: 29562

Ion	Ratio	Lower	Upper
152	100		
150	158.7	119.4	179.0
115	58.5	60.2	90.4#

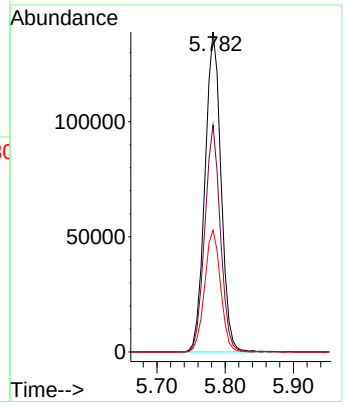




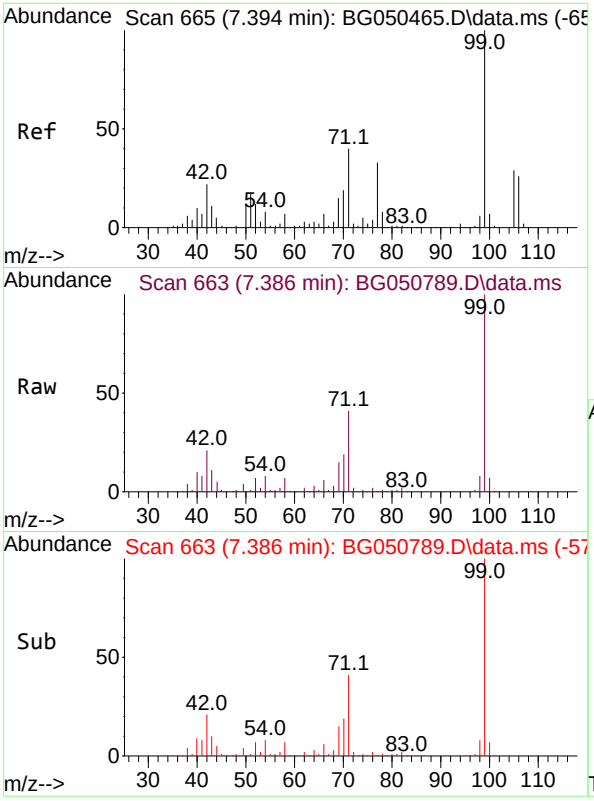
#5
2-Fluorophenol
Concen: 114.799 ng
RT: 5.782 min Scan# 390
Delta R.T. -0.009 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

Tgt Ion:112 Resp: 226922

Ion	Ratio	Lower	Upper
112	100		
64	70.9	46.7	70.1#
63	38.0	35.3	52.9



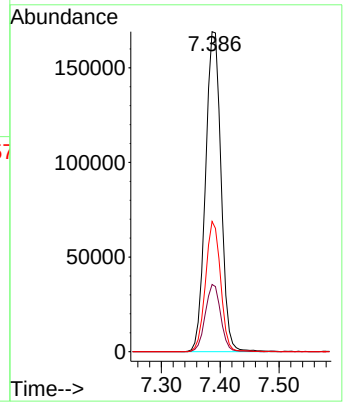
Instrument :
BNA_G
ClientSampleId :
MH-FFS

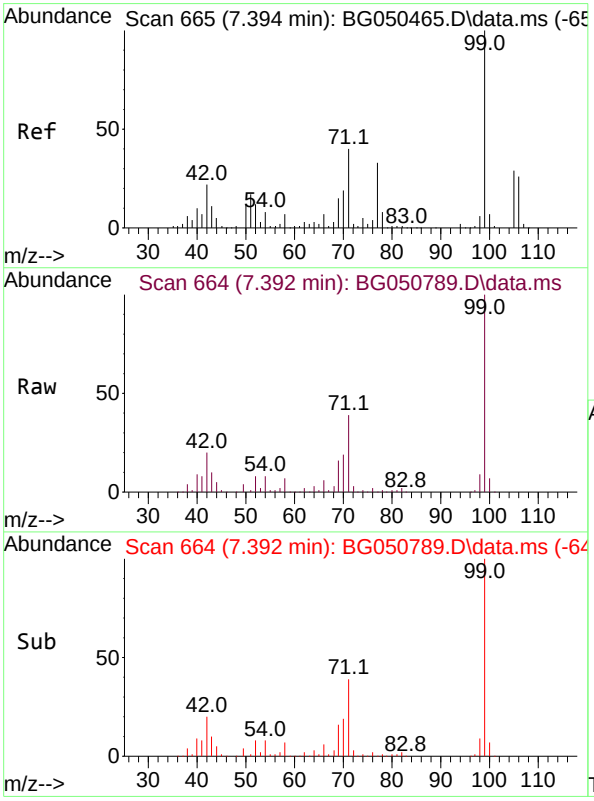


#7
Phenol-d6
Concen: 108.065 ng
RT: 7.386 min Scan# 663
Delta R.T. -0.014 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

Tgt Ion: 99 Resp: 309270

Ion	Ratio	Lower	Upper
99	100		
42	21.0	20.5	30.7
71	40.7	41.5	62.3#

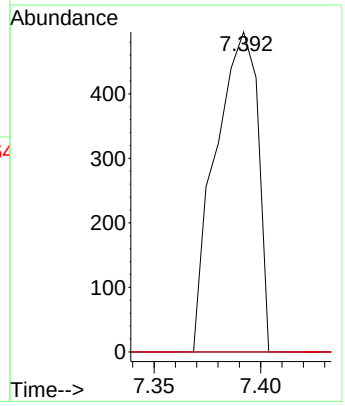




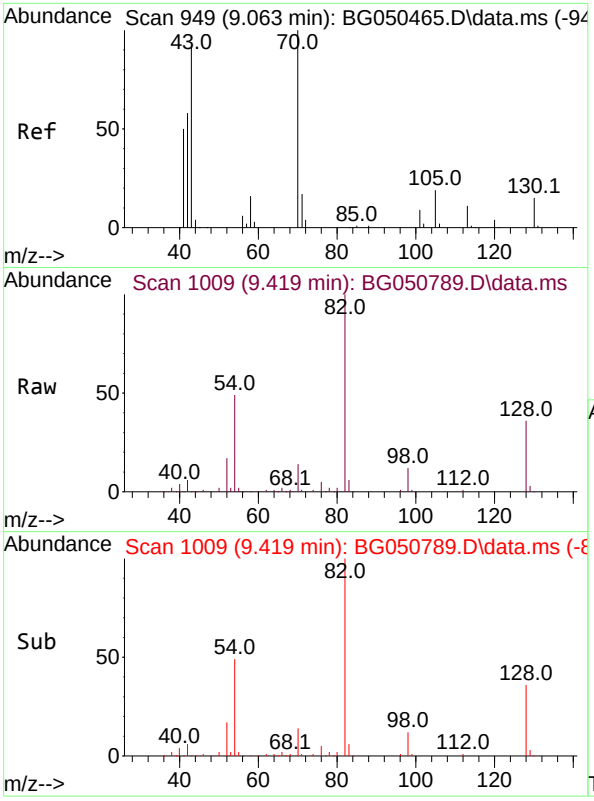
#9
Benzaldehyde
Concen: Below Cal
RT: 7.392 min Scan# 664
Delta R.T. 0.003 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

Tgt Ion: 77 Resp: 684

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



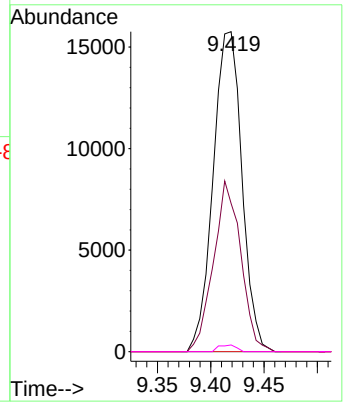
Instrument :
BNA_G
ClientSampleId :
MH-FFS

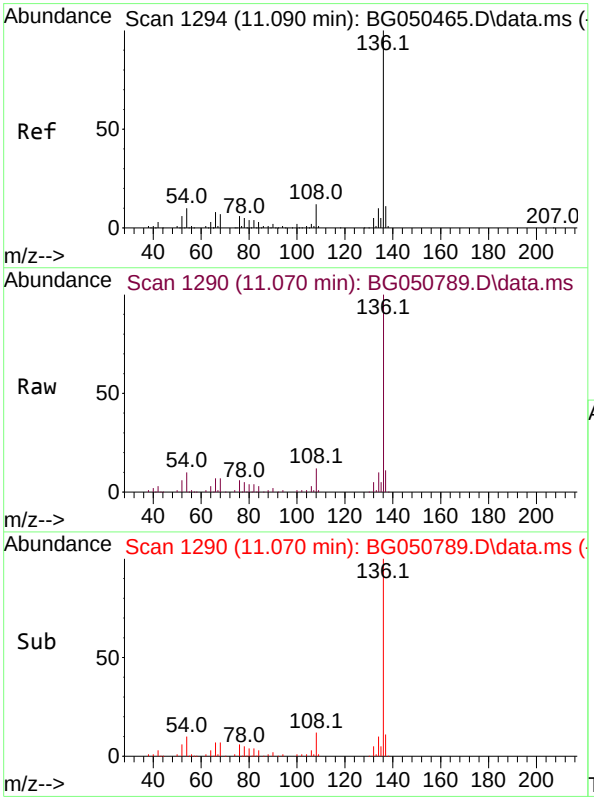


#19
n-Nitroso-di-n-propylamine
Concen: 14.178 ng
RT: 9.419 min Scan# 1009
Delta R.T. 0.362 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

Tgt Ion: 70 Resp: 29575

Ion	Ratio	Lower	Upper
70	100		
42	46.3	54.5	81.7#
101	0.0	9.0	13.6#
130	2.1	17.0	25.6#

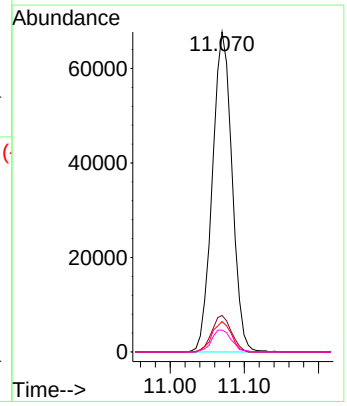




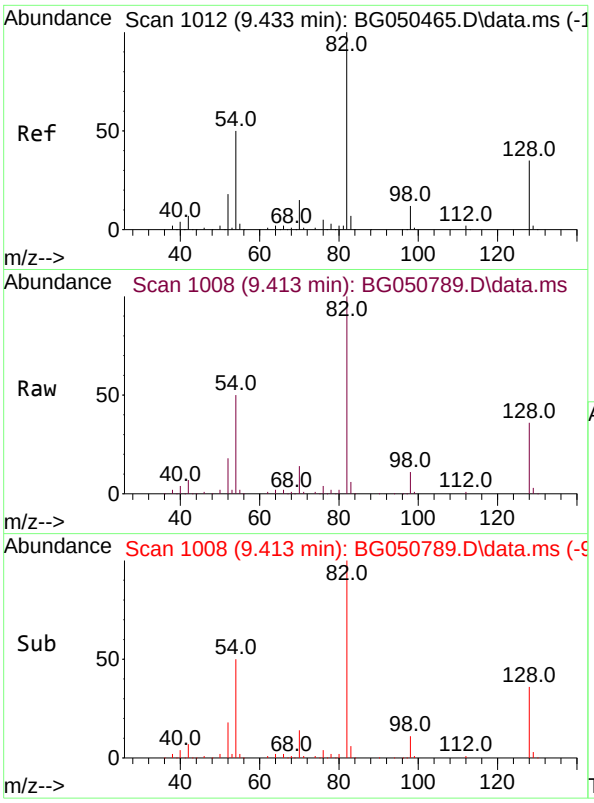
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.070 min Scan# 1290
Delta R.T. -0.014 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

Tgt Ion:136 Resp: 124662

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.2
54	9.5	5.5	8.3#
68	6.8	2.3	3.5#



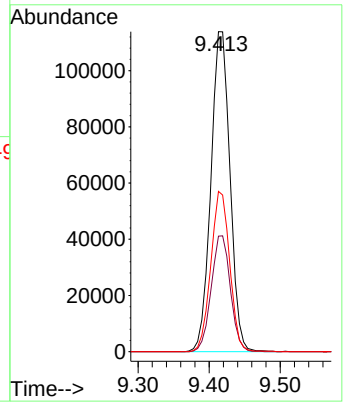
Instrument :
BNA_G
ClientSampleId :
MH-FFS

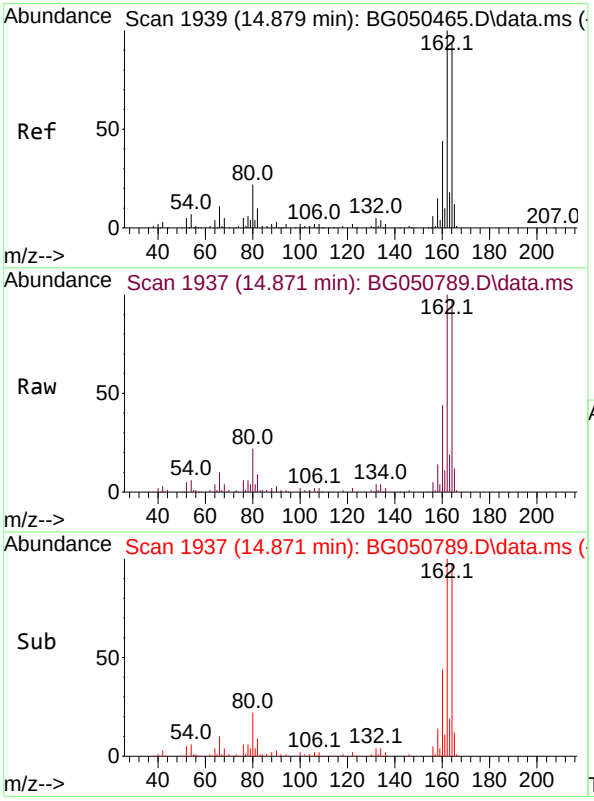


#23
Nitrobenzene-d5
Concen: 70.724 ng
RT: 9.413 min Scan# 1008
Delta R.T. -0.014 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

Tgt Ion: 82 Resp: 212982

Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.8	44.6
54	50.1	45.8	68.8

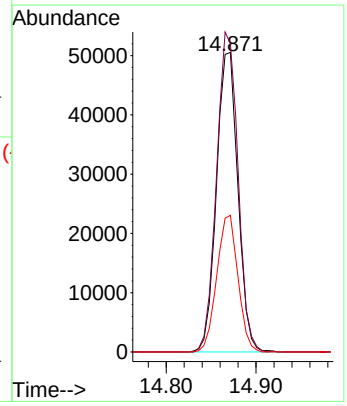




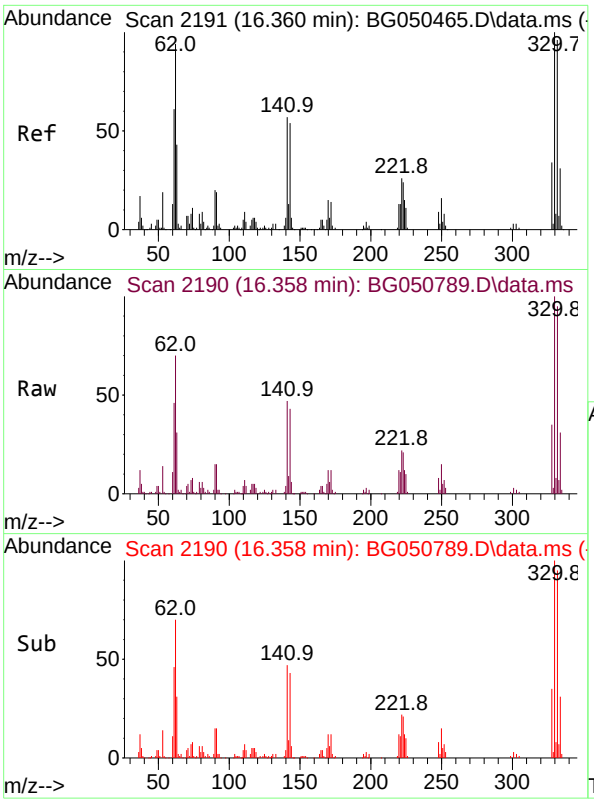
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.871 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

Tgt Ion:164 Resp: 83641

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.4	122.0
160	45.6	34.9	52.3



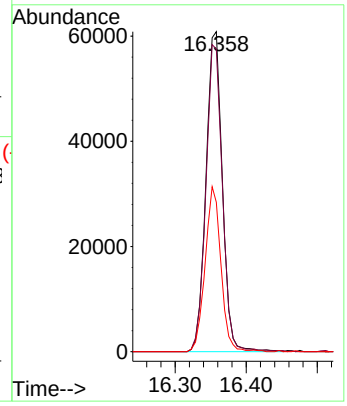
Instrument :
BNA_G
ClientSampleId :
MH-FFS

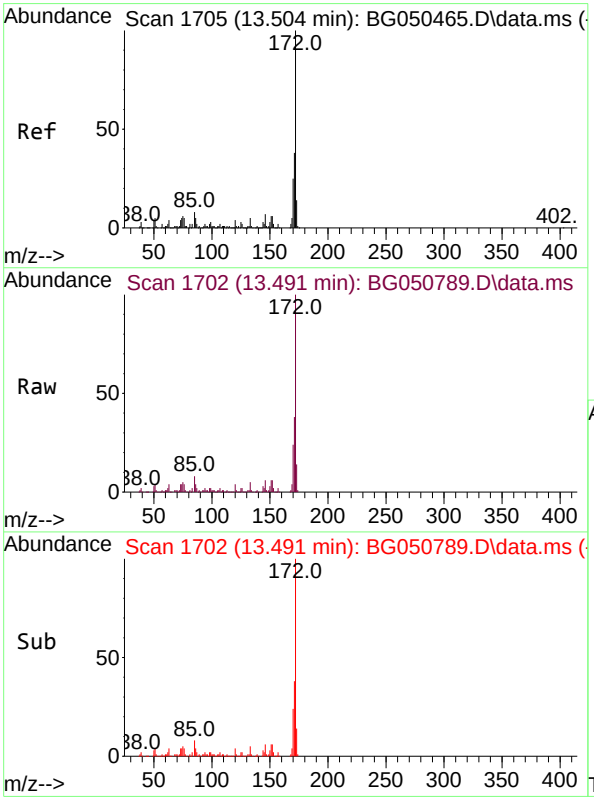


#42
2,4,6-Tribromophenol
Concen: 122.235 ng
RT: 16.358 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

Tgt Ion:330 Resp: 97518

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	49.9	35.6	53.4

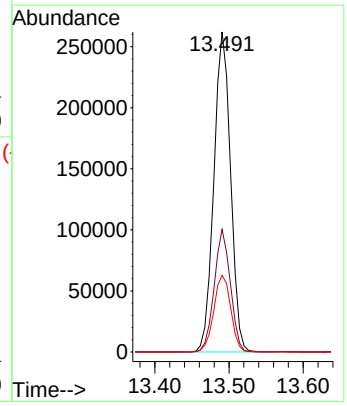




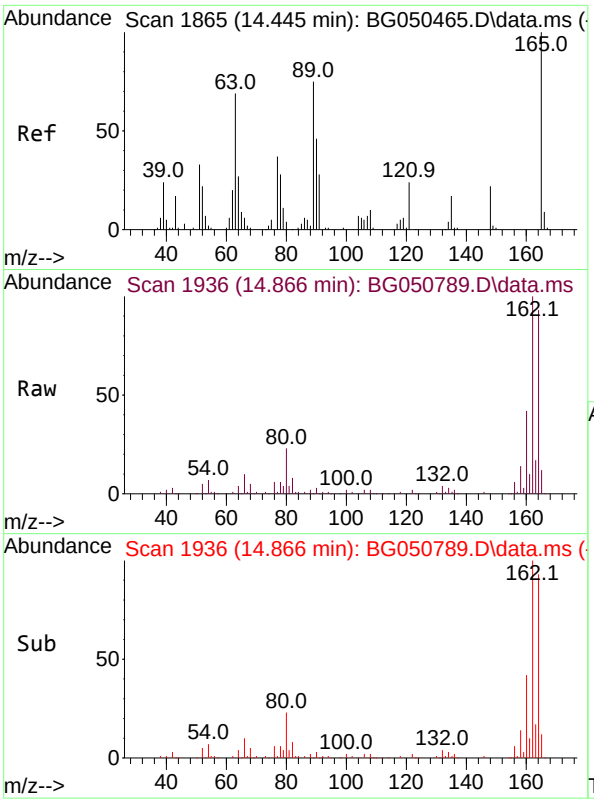
#45
2-Fluorobiphenyl
Concen: 73.828 ng
RT: 13.491 min Scan# 1702
Delta R.T. -0.014 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

Tgt Ion:172 Resp: 410291

Ion	Ratio	Lower	Upper
172	100		
171	38.3	28.6	43.0
170	24.0	18.6	27.8



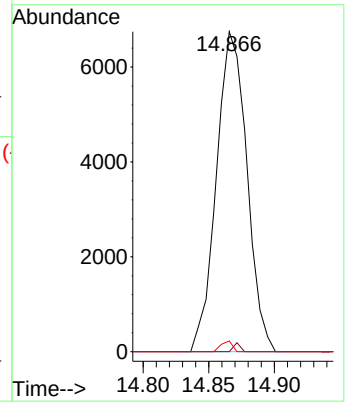
Instrument :
BNA_G
ClientSampleId :
MH-FFS

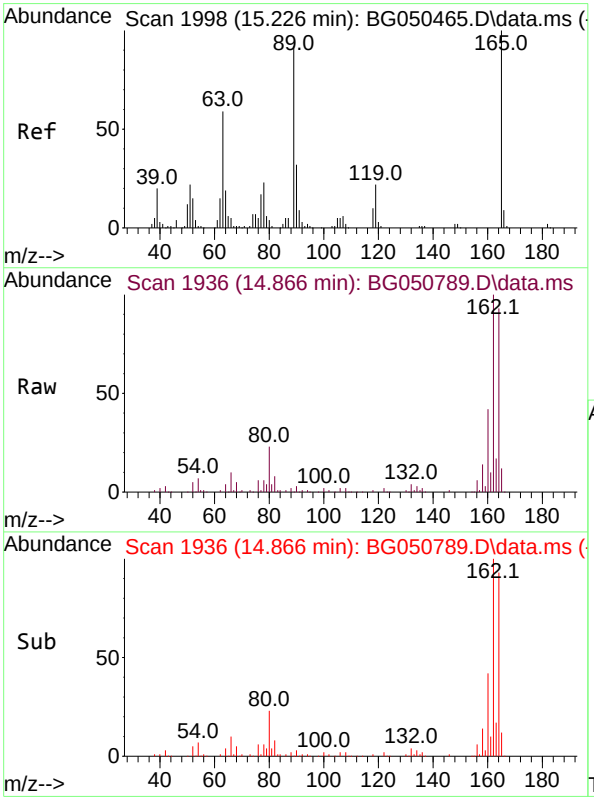


#51
2,6-Dinitrotoluene
Concen: 8.610 ng
RT: 14.866 min Scan# 1936
Delta R.T. 0.420 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

Tgt Ion:165 Resp: 10903

Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.3	94.9#
89	3.4	63.4	95.0#

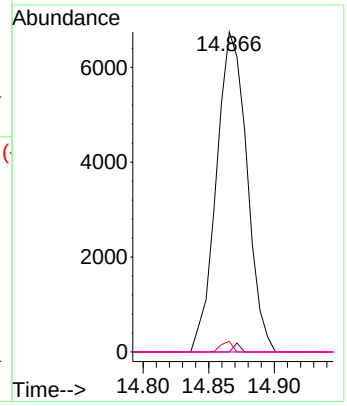




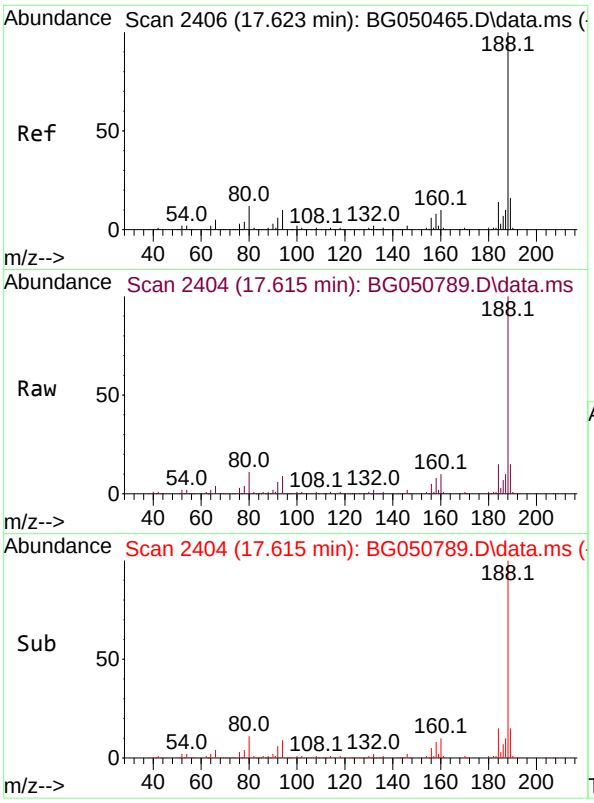
#57
2,4-Dinitrotoluene
Concen: 6.109 ng
RT: 14.866 min Scan# 1936
Delta R.T. -0.361 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

Tgt Ion:165 Resp: 10903

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.0	72.0#
89	3.4	65.4	98.0#
182	0.0	2.0	3.0#



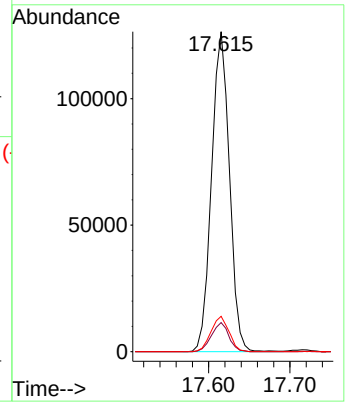
Instrument :
BNA_G
ClientSampleId :
MH-FFS

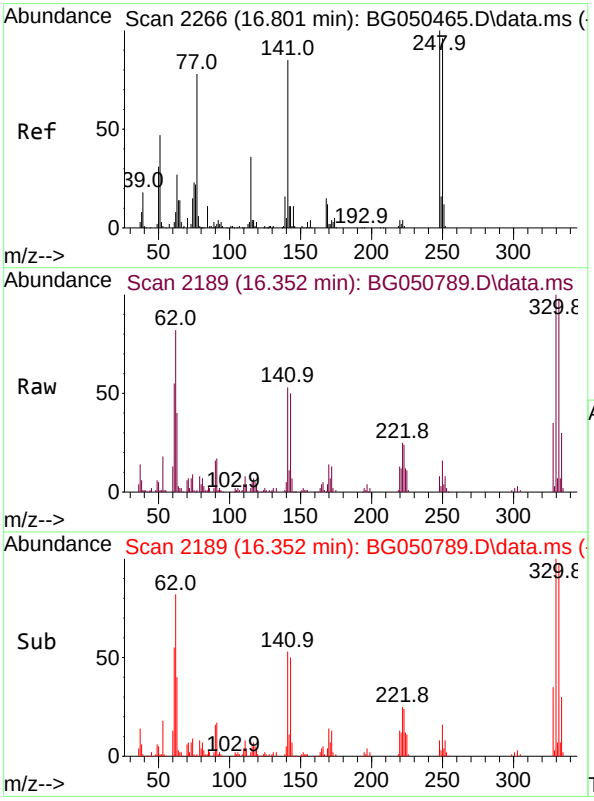


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

Tgt Ion:188 Resp: 192862

Ion	Ratio	Lower	Upper
188	100		
94	9.1	5.4	8.0#
80	11.0	3.7	5.5#

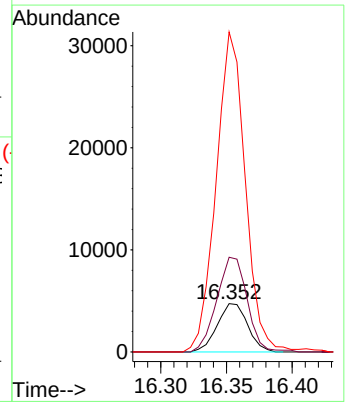


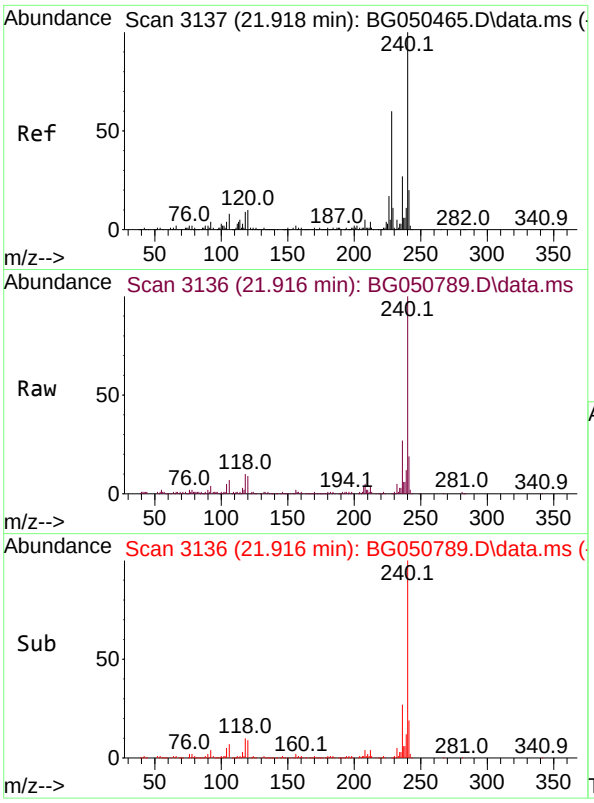


#67
4-Bromophenyl-phenylether
Concen: 3.910 ng
RT: 16.352 min Scan# 2189
Delta R.T. -0.449 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

Tgt Ion:248 Resp: 7599

Ion	Ratio	Lower	Upper
248	100		
250	195.6	76.1	114.1#
141	661.2	65.4	98.2#

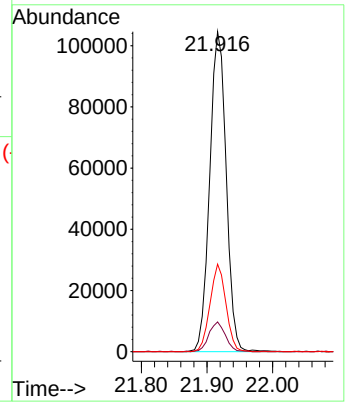




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.916 min Scan# 3136
Delta R.T. -0.009 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

Tgt Ion:240 Resp: 183030

Ion	Ratio	Lower	Upper
240	100		
120	9.3	4.2	6.2#
236	27.4	21.8	32.6



Instrument :
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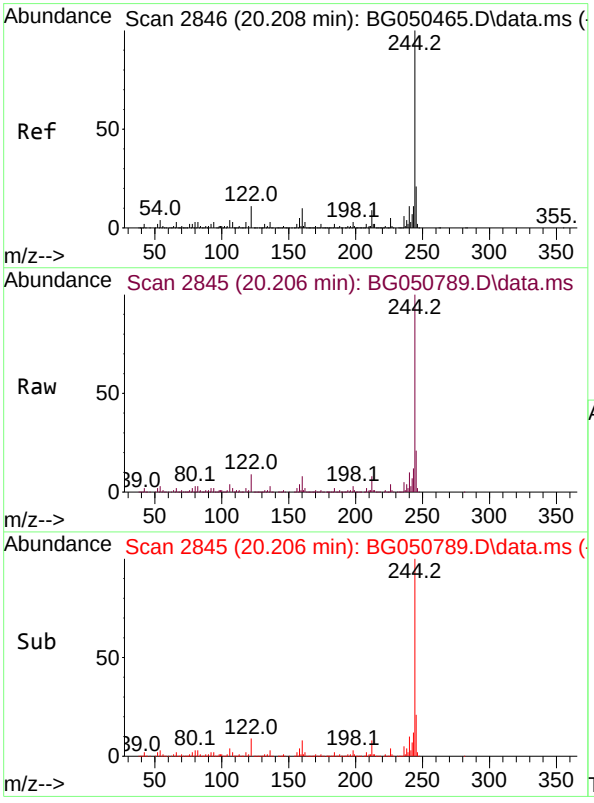
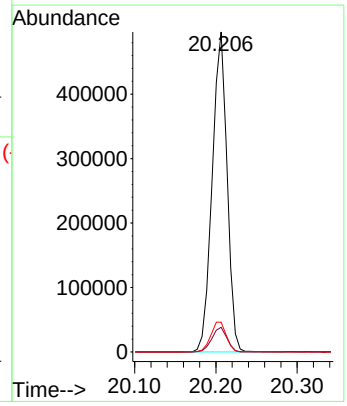
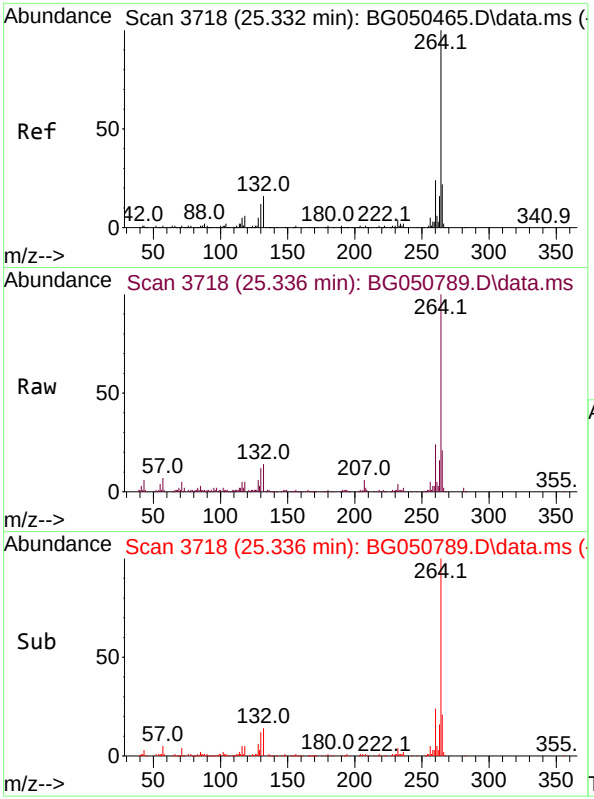


#79
Terphenyl-d14
Concen: 67.103 ng
RT: 20.206 min Scan# 2845
Delta R.T. -0.003 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

Tgt Ion:244 Resp: 630220

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.9	10.3
122	9.3	5.0	7.6#

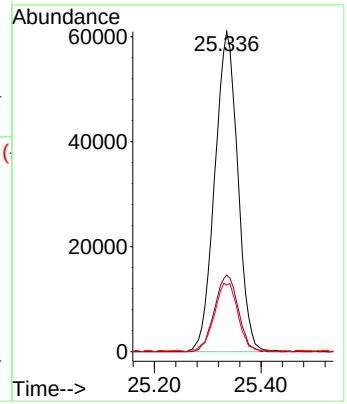




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.336 min Scan# 3718
Delta R.T. 0.003 min
Lab File: BG050789.D
Acq: 29 Oct 2021 22:47

Tgt Ion:264 Resp: 182350

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	20.8	16.9	25.3



Instrument :
BNA_G
ClientSampleId :
MH-FFS