Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102921\
Data File : BG050790.D
Acq On : 29 Oct 2021 23:28
Operator : CG/JU
Sample : M4395-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-FFD

Quant Time: Oct 30 01:39:32 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	8.243	152	31285	20.000	ng	-0.01
21) Naphthalene-d8	11.070	136	135892	20.000	ng	#-0.01
39) Acenaphthene-d10	14.865	164	90962	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	204391	20.000	ng	# 0.00
76) Chrysene-d12	21.916	240	184845	20.000	ng	# 0.00
86) Perylene-d12	25.335	264	181107	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.782	112	266600	127.444	ng	0.00
7) Phenol-d6	7.392	99	360676	119.086	ng	0.00
23) Nitrobenzene-d5	9.419	82	246288	75.025	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	110792	127.697	ng	0.00
45) 2-Fluorobiphenyl	13.490	172	461918	76.428	ng	-0.01
79) Terphenyl-d14	20.206	244	650878	68.622	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.386	77	712	Below Cal		# 10
19) n-Nitroso-di-n-propyla...	9.419	70	35094	15.898	ng	# 68
51) 2,6-Dinitrotoluene	14.865	165	12081	8.773	ng	# 11
57) 2,4-Dinitrotoluene	14.865	165	12081	6.224	ng	# 17
67) 4-Bromophenyl-phenylether	16.358	248	8940	4.341	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102921\
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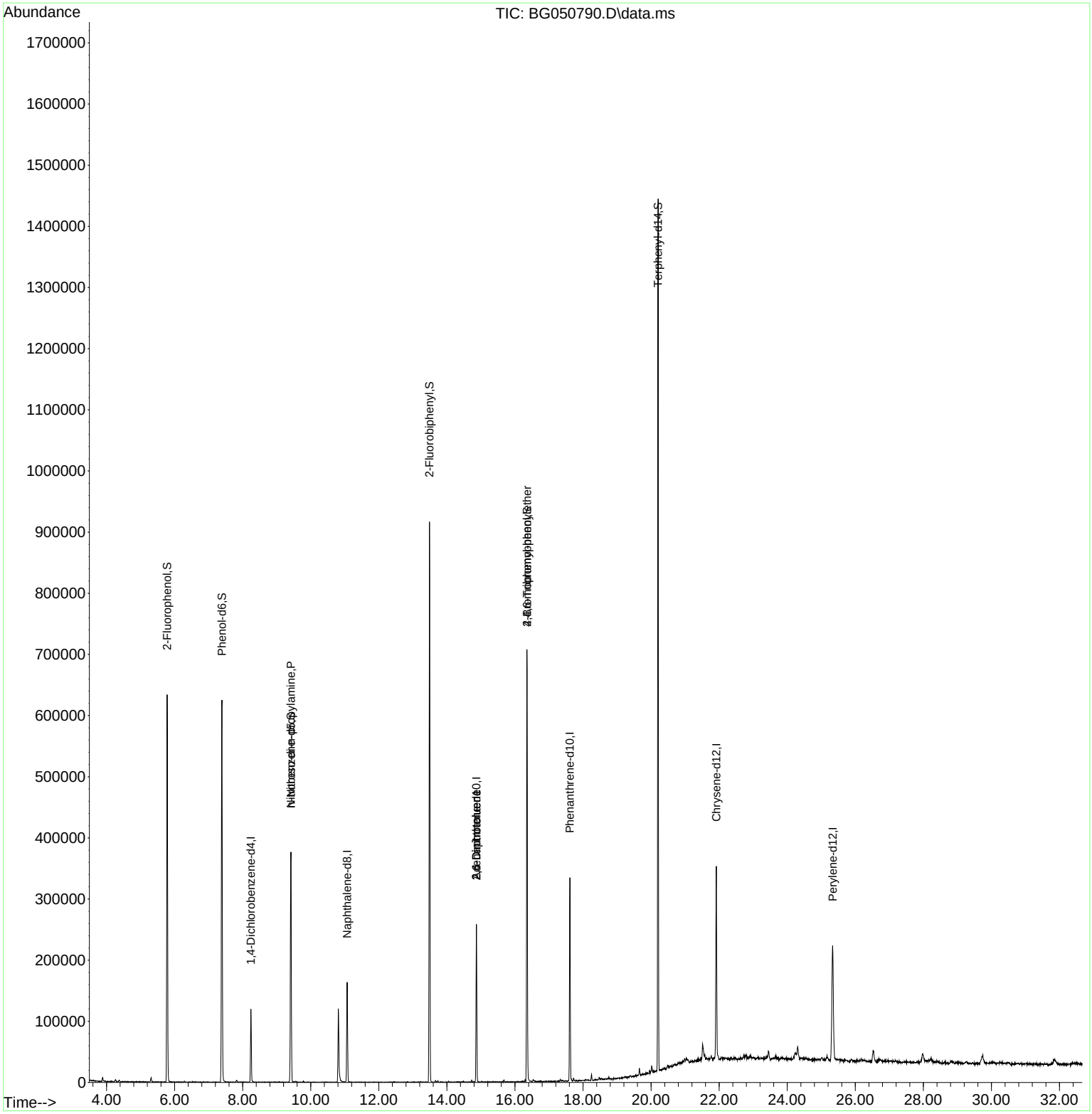
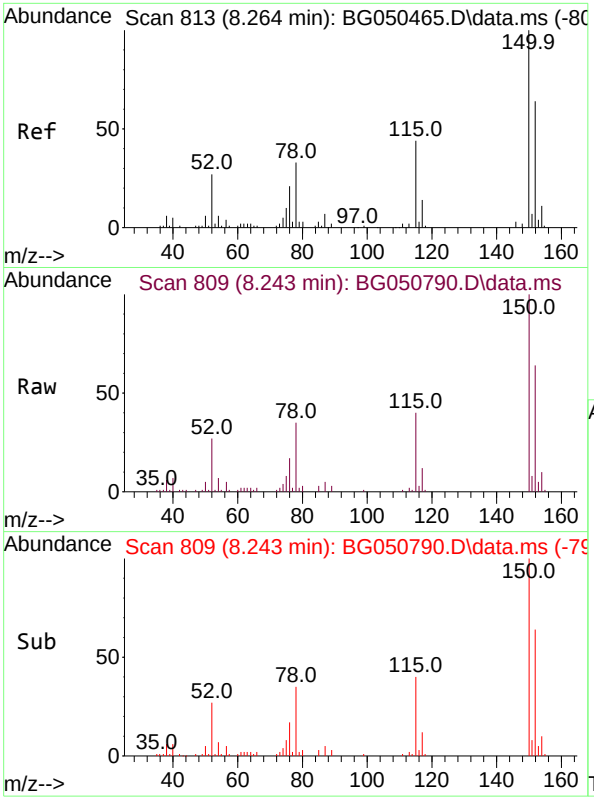
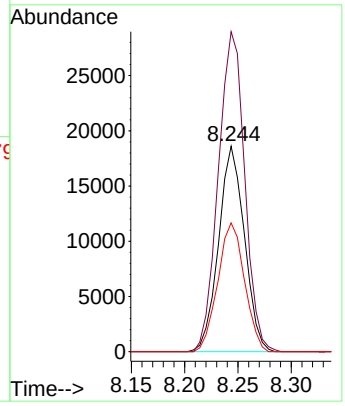




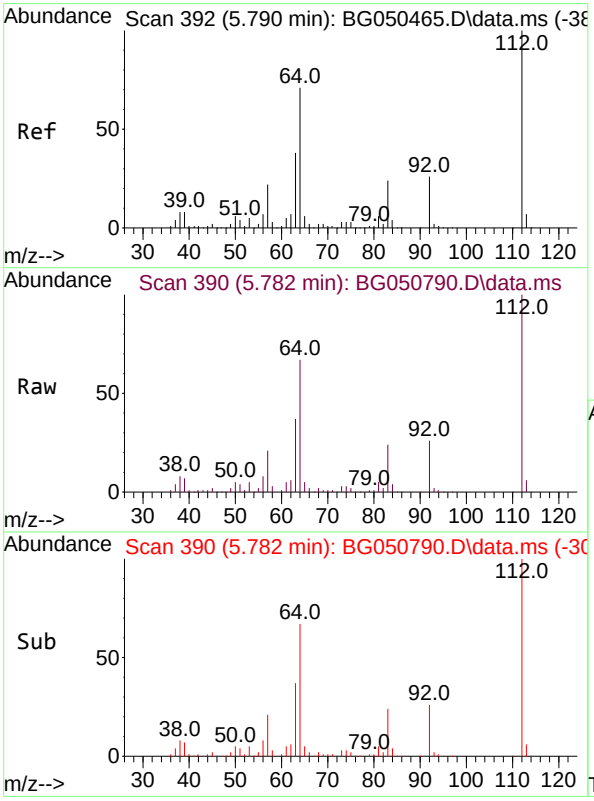
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.243 min Scan# 809
Delta R.T. -0.014 min
Lab File: BG050790.D
Acq: 29 Oct 2021 23:28

Tgt Ion:152 Resp: 31285

Ion	Ratio	Lower	Upper
152	100		
150	155.8	119.4	179.0
115	62.7	60.2	90.4



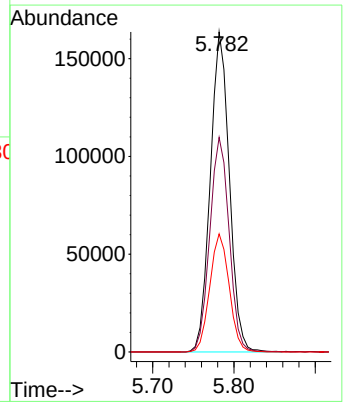
Instrument :
BNA_G
ClientSampleId :
MH-FFD



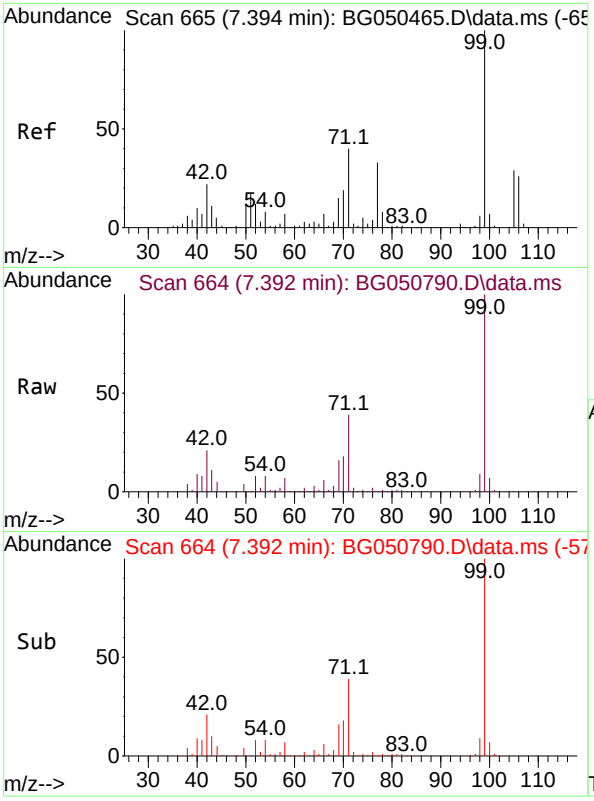
#5
2-Fluorophenol
Concen: 127.444 ng
RT: 5.782 min Scan# 390
Delta R.T. -0.009 min
Lab File: BG050790.D
Acq: 29 Oct 2021 23:28

Tgt Ion:112 Resp: 266600

Ion	Ratio	Lower	Upper
112	100		
64	67.1	46.7	70.1
63	36.9	35.3	52.9



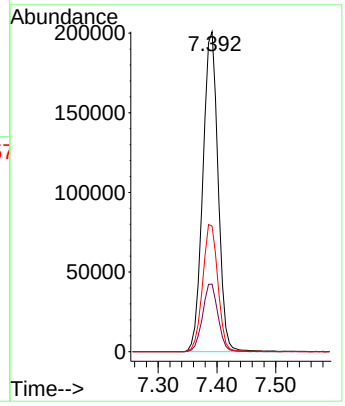
Instrument :
BNA_G
ClientSampleId :
MH-FFD

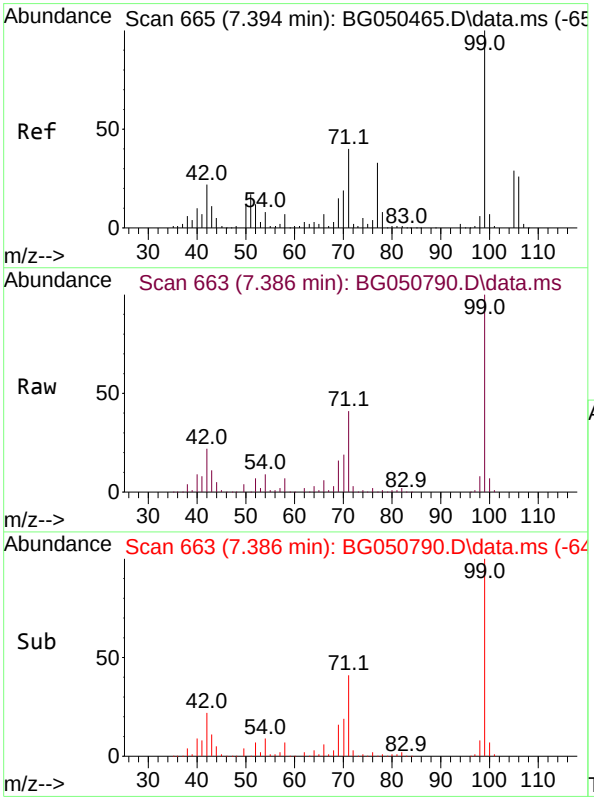


#7
Phenol-d6
Concen: 119.086 ng
RT: 7.392 min Scan# 664
Delta R.T. -0.009 min
Lab File: BG050790.D
Acq: 29 Oct 2021 23:28

Tgt Ion: 99 Resp: 360676

Ion	Ratio	Lower	Upper
99	100		
42	21.1	20.5	30.7
71	39.2	41.5	62.3#

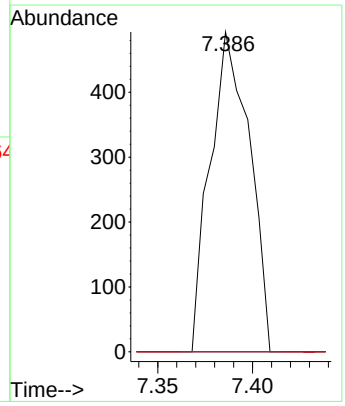




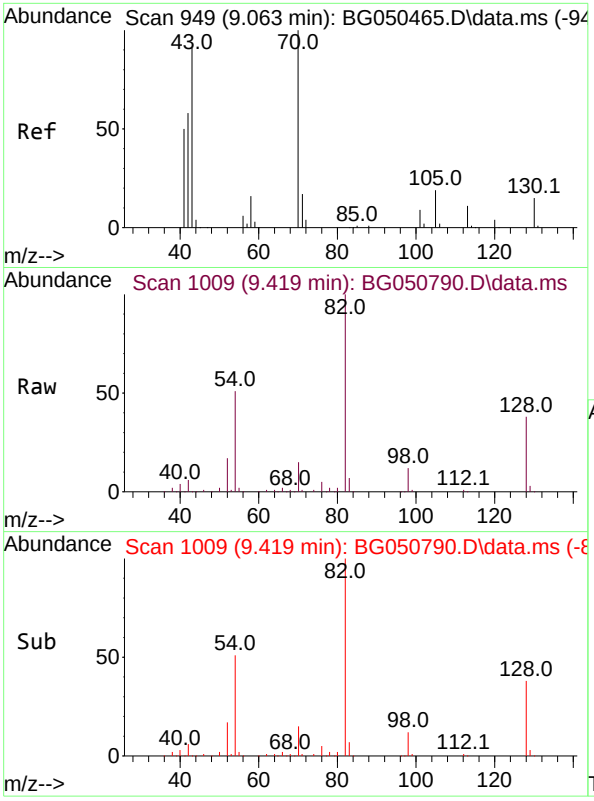
#9
Benzaldehyde
Concen: Below Cal
RT: 7.386 min Scan# 663
Delta R.T. -0.003 min
Lab File: BG050790.D
Acq: 29 Oct 2021 23:28

Tgt Ion: 77 Resp: 712

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



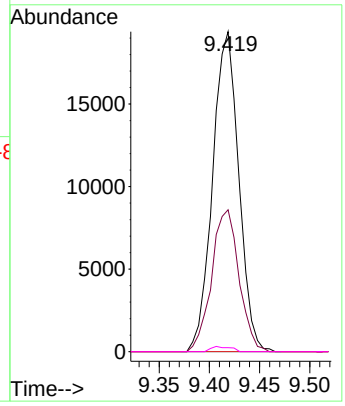
Instrument :
BNA_G
ClientSampleId :
MH-FFD

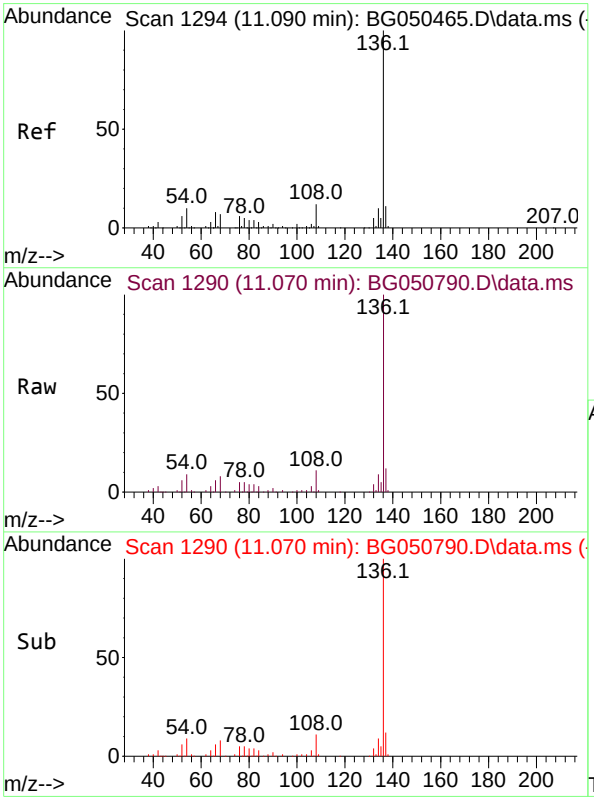


#19
n-Nitroso-di-n-propylamine
Concen: 15.898 ng
RT: 9.419 min Scan# 1009
Delta R.T. 0.361 min
Lab File: BG050790.D
Acq: 29 Oct 2021 23:28

Tgt Ion: 70 Resp: 35094

Ion	Ratio	Lower	Upper
70	100		
42	44.4	54.5	81.7#
101	0.0	9.0	13.6#
130	1.3	17.0	25.6#

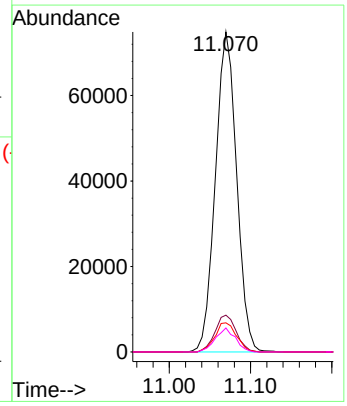




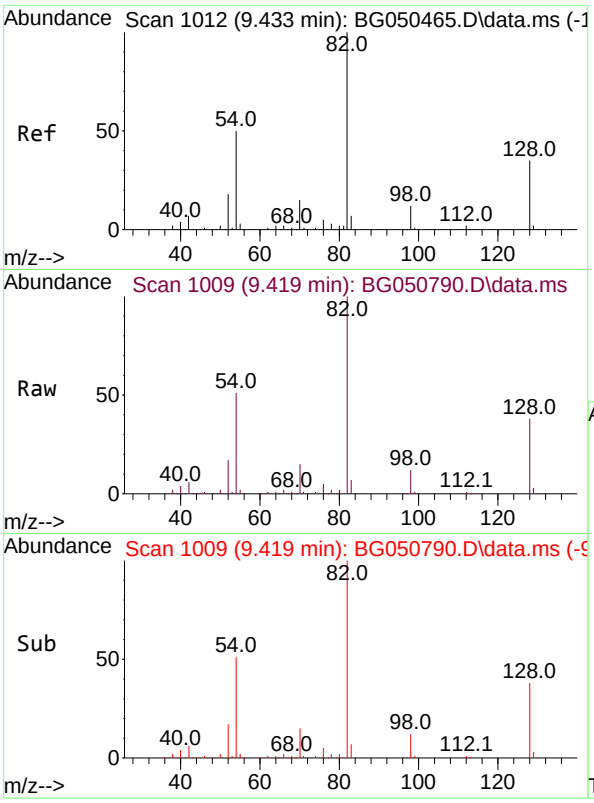
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.070 min Scan# 1290
Delta R.T. -0.015 min
Lab File: BG050790.D
Acq: 29 Oct 2021 23:28

Tgt Ion:136 Resp: 135892

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.2	12.2
54	9.1	5.5	8.3#
68	7.5	2.3	3.5#



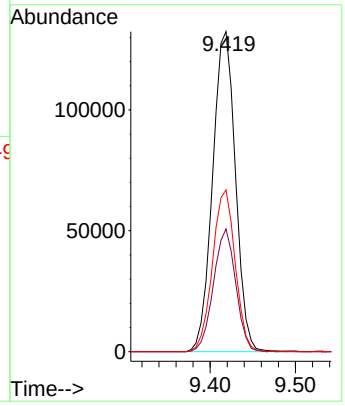
Instrument :
BNA_G
ClientSampleId :
MH-FFD

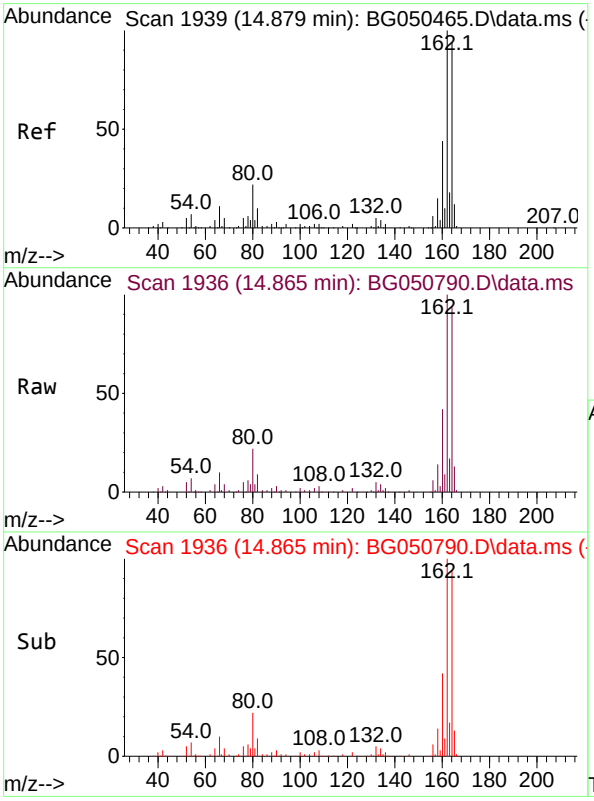


#23
Nitrobenzene-d5
Concen: 75.025 ng
RT: 9.419 min Scan# 1009
Delta R.T. -0.009 min
Lab File: BG050790.D
Acq: 29 Oct 2021 23:28

Tgt Ion: 82 Resp: 246288

Ion	Ratio	Lower	Upper
82	100		
128	38.4	29.8	44.6
54	50.5	45.8	68.8

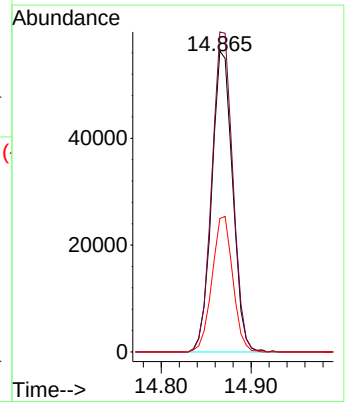




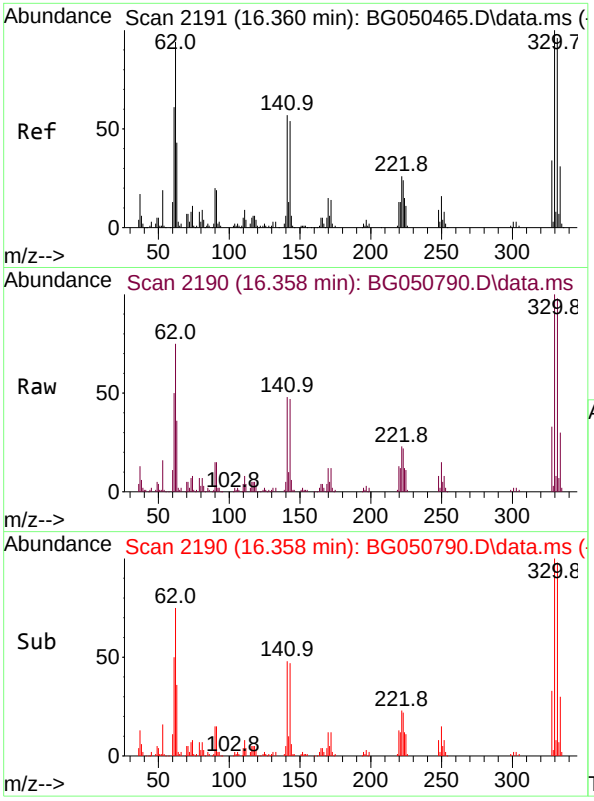
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.865 min Scan# 1936
Delta R.T. -0.009 min
Lab File: BG050790.D
Acq: 29 Oct 2021 23:28

Tgt Ion:164 Resp: 90962

Ion	Ratio	Lower	Upper
164	100		
162	106.4	81.4	122.0
160	44.4	34.9	52.3



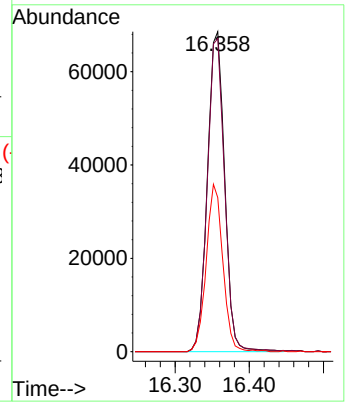
Instrument :
BNA_G
ClientSampleId :
MH-FFD

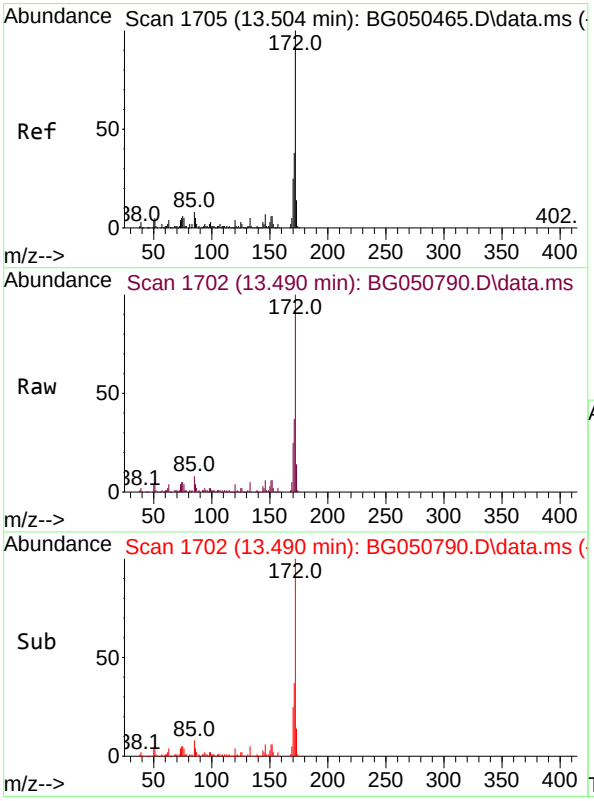


#42
2,4,6-Tribromophenol
Concen: 127.697 ng
RT: 16.358 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG050790.D
Acq: 29 Oct 2021 23:28

Tgt Ion:330 Resp: 110792

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.3	115.9
141	50.8	35.6	53.4

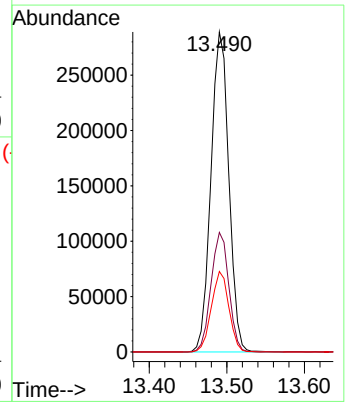




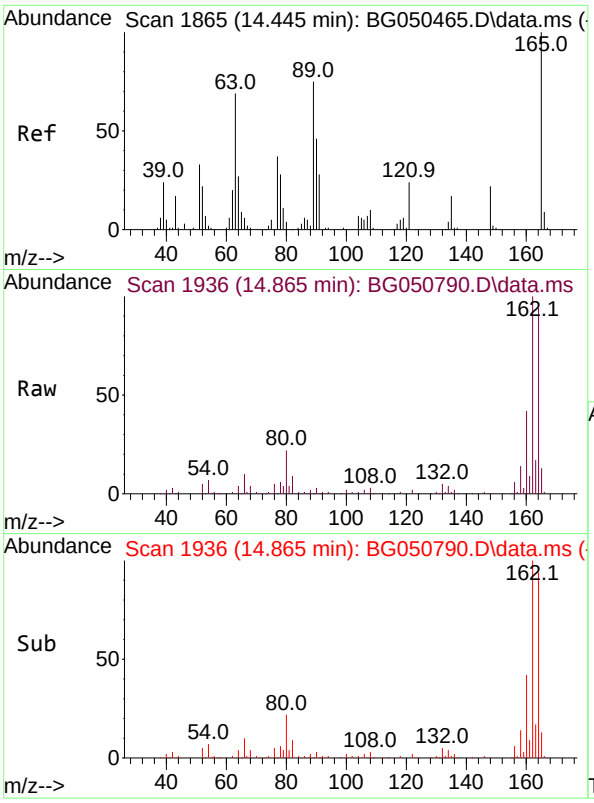
#45
2-Fluorobiphenyl
Concen: 76.428 ng
RT: 13.490 min Scan# 1702
Delta R.T. -0.015 min
Lab File: BG050790.D
Acq: 29 Oct 2021 23:28

Tgt Ion:172 Resp: 461918

Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.6	43.0
170	25.2	18.6	27.8



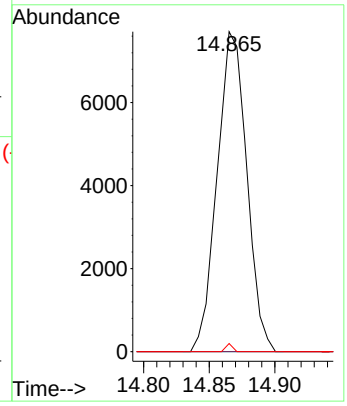
Instrument :
BNA_G
ClientSampleId :
MH-FFD

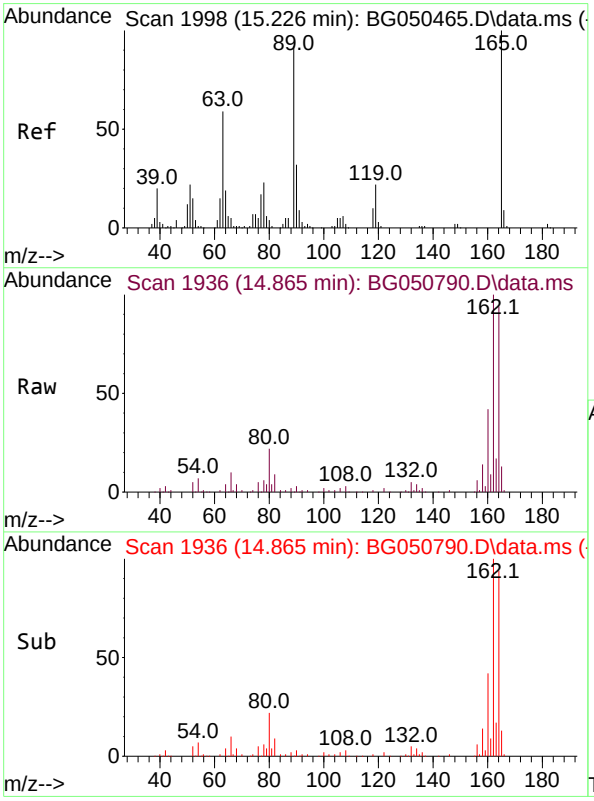


#51
2,6-Dinitrotoluene
Concen: 8.773 ng
RT: 14.865 min Scan# 1936
Delta R.T. 0.420 min
Lab File: BG050790.D
Acq: 29 Oct 2021 23:28

Tgt Ion:165 Resp: 12081

Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.3	94.9#
89	2.6	63.4	95.0#

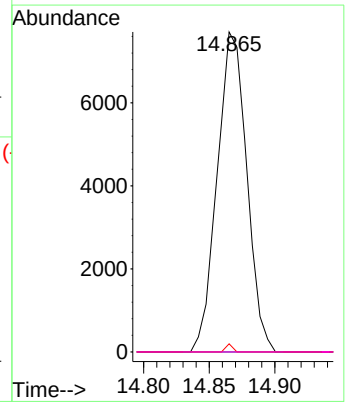




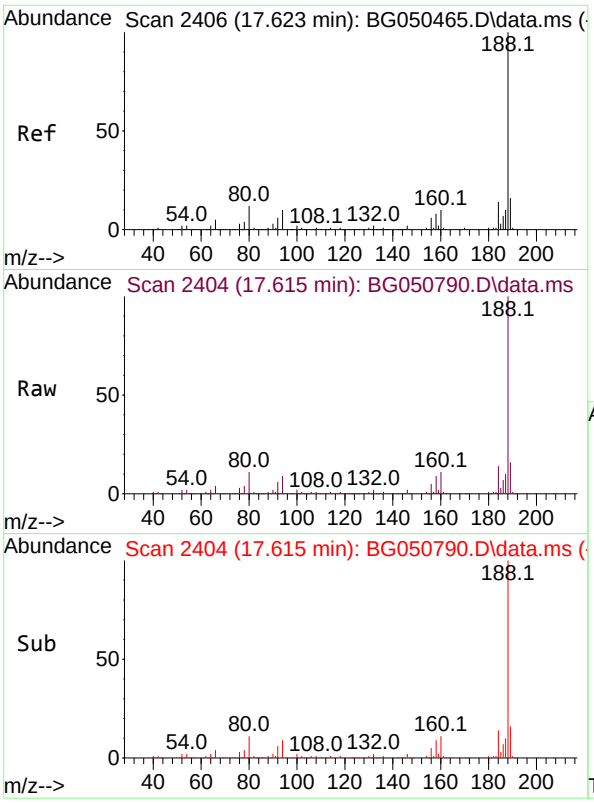
#57
2,4-Dinitrotoluene
Concen: 6.224 ng
RT: 14.865 min Scan# 1936
Delta R.T. -0.361 min
Lab File: BG050790.D
Acq: 29 Oct 2021 23:28

Tgt Ion:165 Resp: 12081

Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.0	72.0#
89	2.6	65.4	98.0#
182	0.0	2.0	3.0#



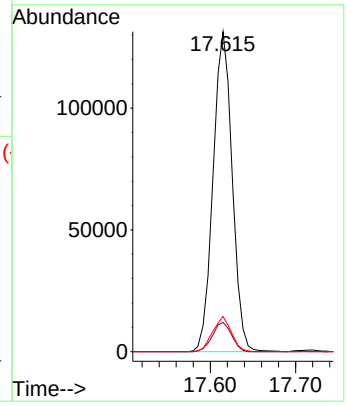
Instrument :
BNA_G
ClientSampleId :
MH-FFD

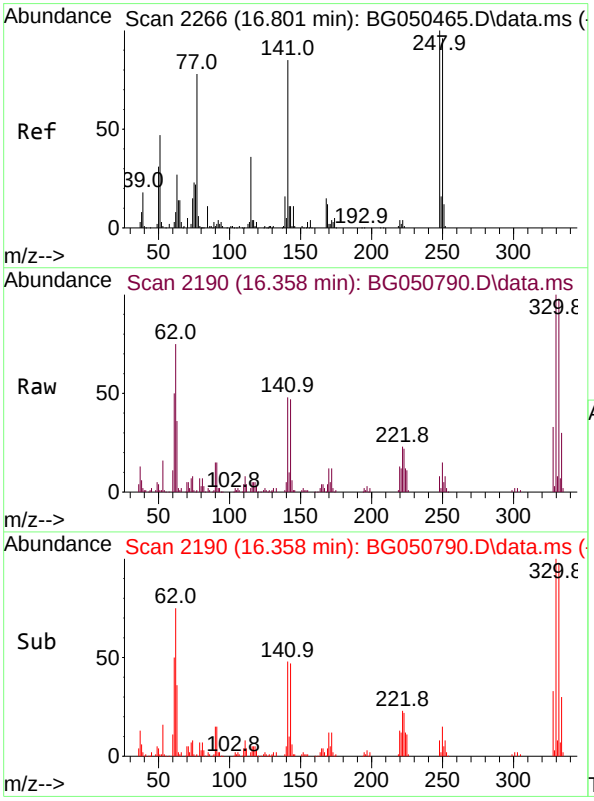


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BG050790.D
Acq: 29 Oct 2021 23:28

Tgt Ion:188 Resp: 204391

Ion	Ratio	Lower	Upper
188	100		
94	9.2	5.4	8.0#
80	11.0	3.7	5.5#

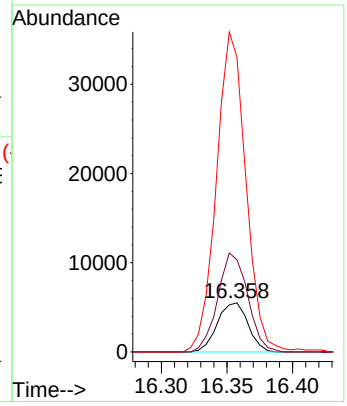




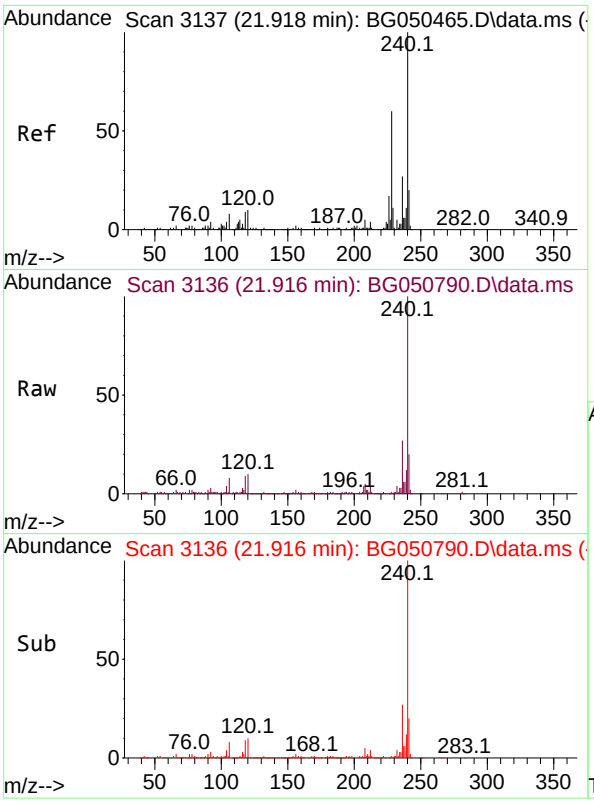
#67
4-Bromophenyl-phenylether
Concen: 4.341 ng
RT: 16.358 min Scan# 2190
Delta R.T. -0.444 min
Lab File: BG050790.D
Acq: 29 Oct 2021 23:28

Tgt Ion:248 Resp: 8940

Ion	Ratio	Lower	Upper
248	100		
250	187.8	76.1	114.1#
141	600.0	65.4	98.2#



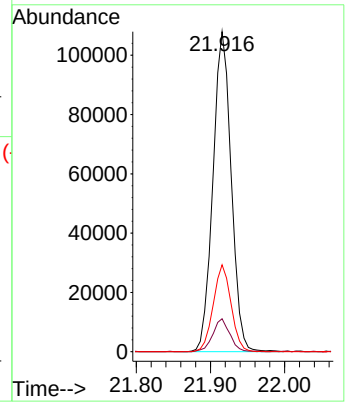
Instrument :
BNA_G
ClientSampleId :
MH-FFD

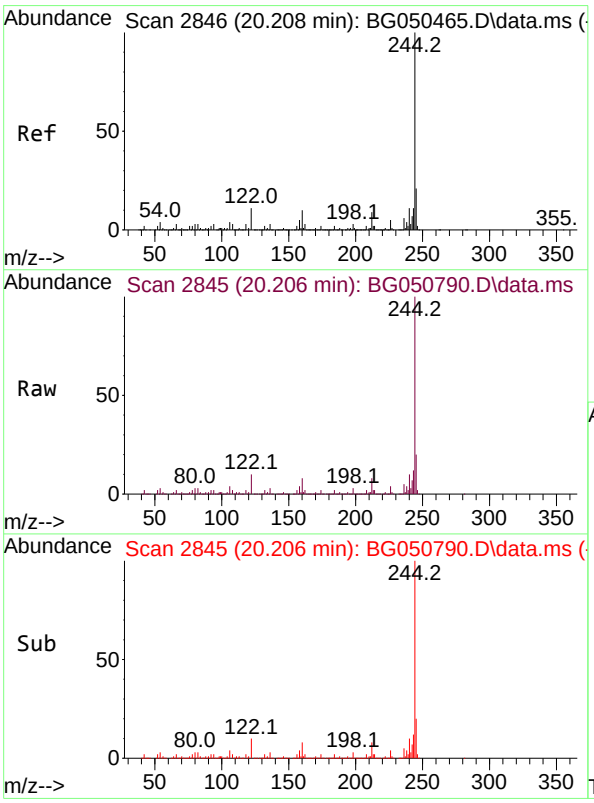


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.916 min Scan# 3136
Delta R.T. -0.009 min
Lab File: BG050790.D
Acq: 29 Oct 2021 23:28

Tgt Ion:240 Resp: 184845

Ion	Ratio	Lower	Upper
240	100		
120	10.3	4.2	6.2#
236	27.2	21.8	32.6

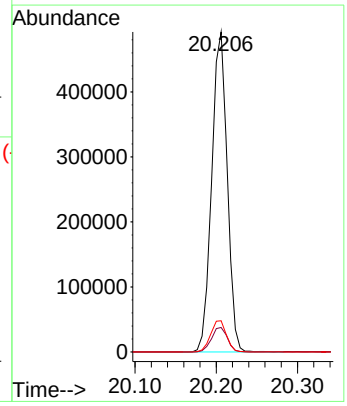


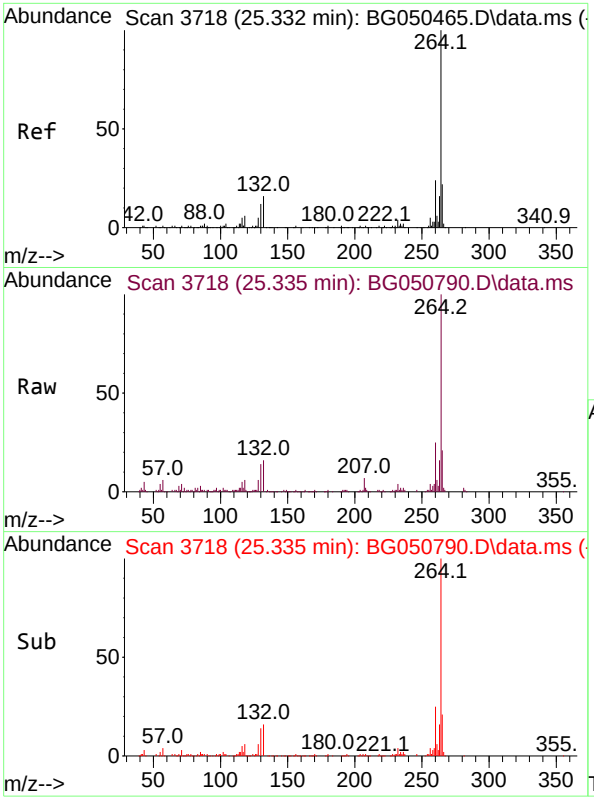


#79
Terphenyl-d14
Concen: 68.622 ng
RT: 20.206 min Scan# 2845
Delta R.T. -0.003 min
Lab File: BG050790.D
Acq: 29 Oct 2021 23:28

Tgt Ion:244 Resp: 650878

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.9	10.3
122	9.7	5.0	7.6#

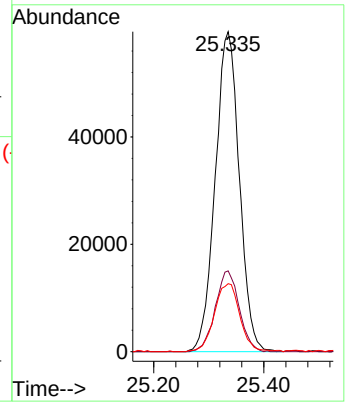




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.335 min Scan# 3718
Delta R.T. 0.003 min
Lab File: BG050790.D
Acq: 29 Oct 2021 23:28

Tgt Ion:264 Resp: 181107

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.4	29.2
265	21.2	16.9	25.3



Instrument :
BNA_G
ClientSampleId :
MH-FFD