Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031721\
Data File : BG048398.D
Acq On : 17 Mar 2021 15:07
Operator : CG/JU
Sample : M1652-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PE-4D-(7.0-7.5)

Quant Time: Mar 17 15:47:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 16 16:05:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.115	152	47779	20.00	ng	0.00
21) Naphthalene-d8	10.941	136	166393	20.00	ng	# 0.00
39) Acenaphthene-d10	14.754	164	130632	20.00	ng	0.00
64) Phenanthrene-d10	17.504	188	328111	20.00	ng	# 0.00
76) Chrysene-d12	21.799	240	383828	20.00	ng	# 0.00
86) Perylene-d12	25.142	264	391512	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.659	112	300972	108.20	ng	0.00
7) Phenol-d6	7.263	99	411515	100.42	ng	0.00
23) Nitrobenzene-d5	9.284	82	291533	77.85	ng	0.00
42) 2,4,6-Tribromophenol	16.241	330	209603	125.41	ng	0.00
45) 2-Fluorobiphenyl	13.379	172	573735	61.90	ng	0.00
79) Terphenyl-d14	20.113	244	1222953	61.58	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.251	77	2337	Below Cal	#	34
10) Phenol	7.287	94	10870	2.60	ng	# 59
19) n-Nitroso-di-n-propyla...	9.284	70	44681	14.15	ng	# 74
48) 2-Nitroaniline	13.797	65	888	3.80	ng	# 10
51) 2,6-Dinitrotoluene	14.754	165	19543	10.23	ng	# 35
57) 2,4-Dinitrotoluene	15.383	165	593	2.12	ng	# 60
67) 4-Bromophenyl-phenylether	16.241	248	13976	3.54	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.546	149	5296566	453.52	ng	# 50

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

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Misc :
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Instrument :
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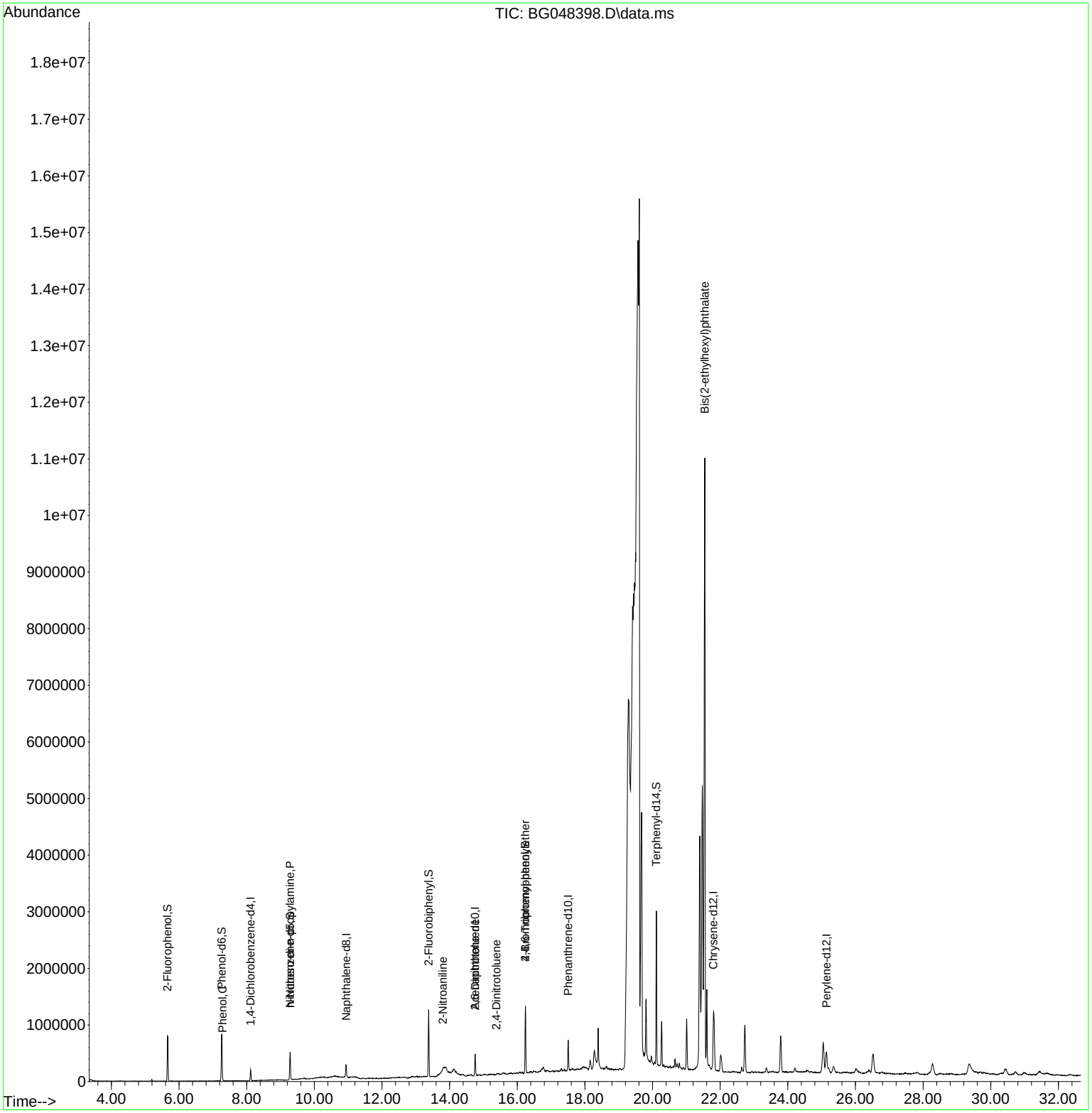
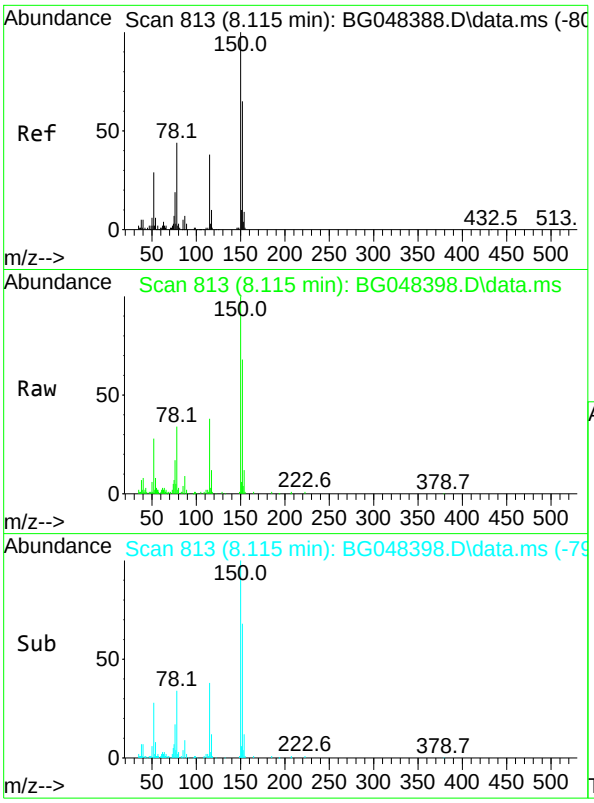


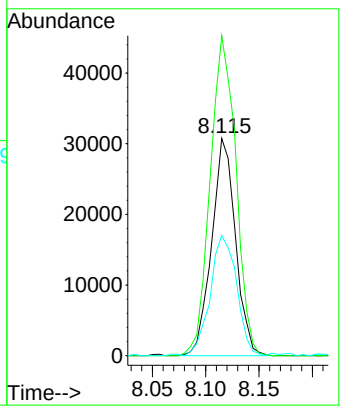
Instrument :
BNA_G
ClientSampleId :
PE-4D-(7.0-7.5)

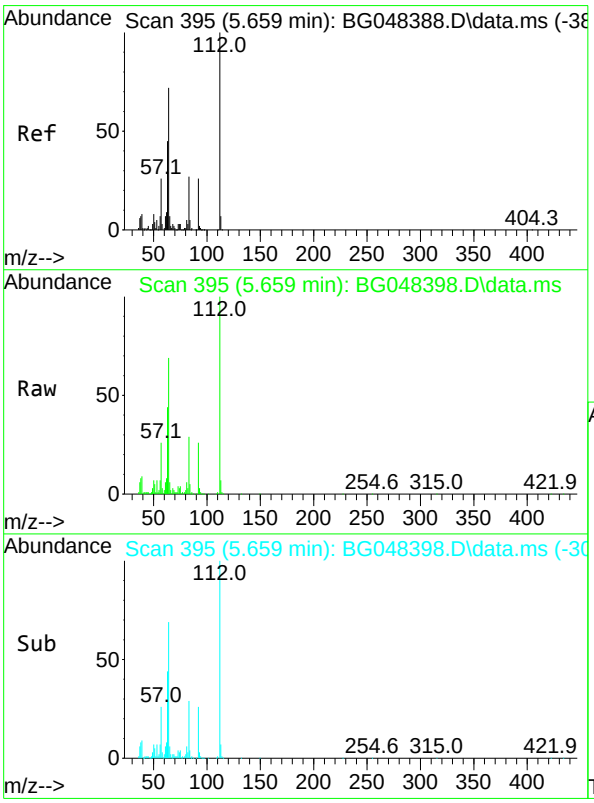


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.115 min Scan# 813
Delta R.T. 0.000 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

Tgt Ion:152 Resp: 47779

Ion	Ratio	Lower	Upper
152	100		
150	147.2	125.0	187.6
115	55.3	41.8	62.6

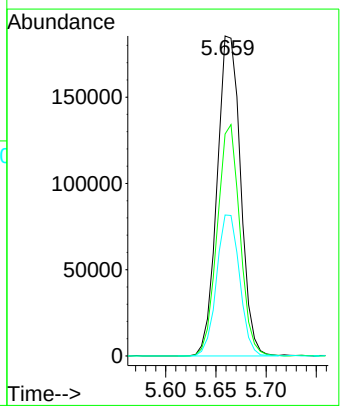




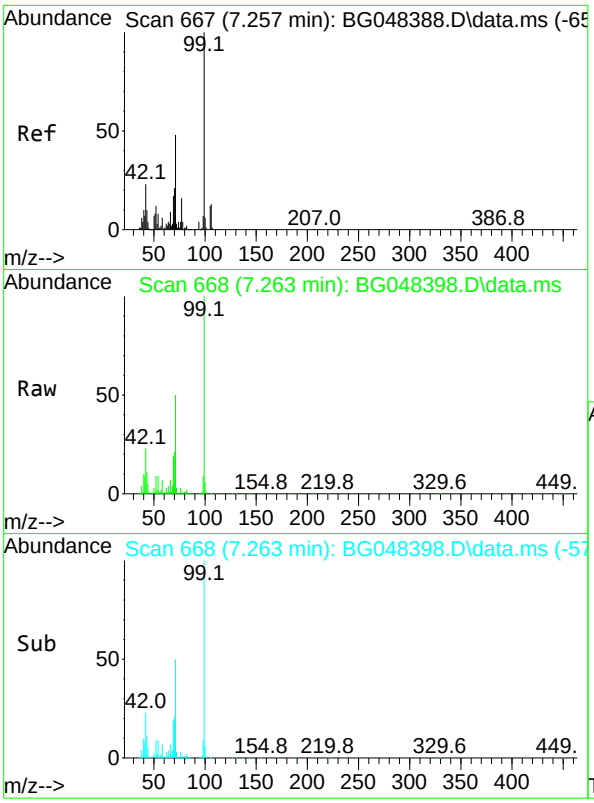
#5
2-Fluorophenol
Concen: 108.20 ng
RT: 5.659 min Scan# 395
Delta R.T. -0.000 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

Tgt Ion:112 Resp: 300972

Ion	Ratio	Lower	Upper
112	100		
64	69.3	46.7	70.1
63	44.0	22.8	34.2#



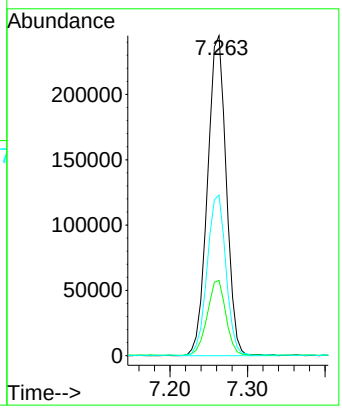
Instrument :
BNA_G
ClientSampleId :
PE-4D-(7.0-7.5)

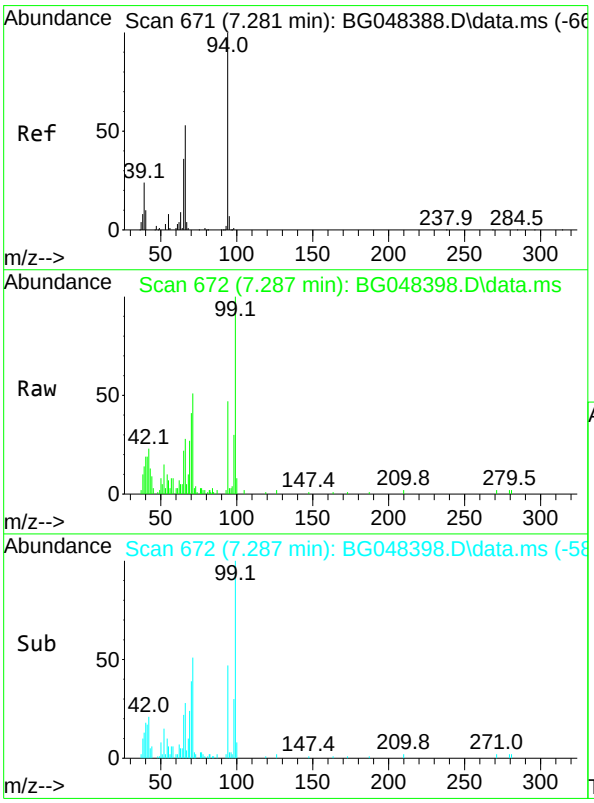


#7
Phenol-d6
Concen: 100.42 ng
RT: 7.263 min Scan# 668
Delta R.T. 0.006 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

Tgt Ion: 99 Resp: 411515

Ion	Ratio	Lower	Upper
99	100		
42	23.5	12.8	19.2#
71	50.2	24.6	36.8#

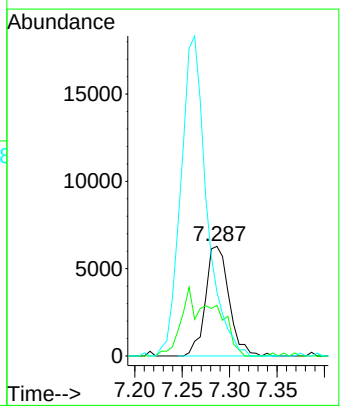




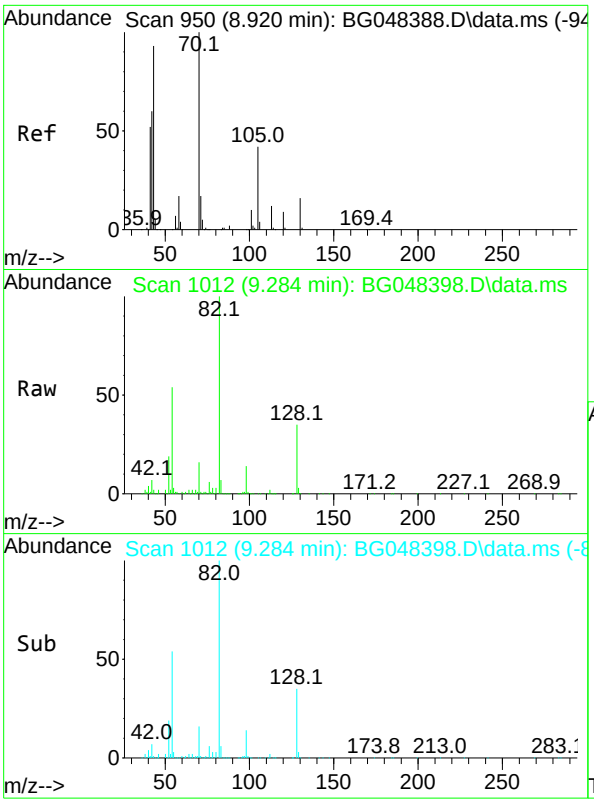
#10
Phenol
Concen: 2.60 ng
RT: 7.287 min Scan# 672
Delta R.T. 0.006 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

Tgt Ion: 94 Resp: 10870

Ion	Ratio	Lower	Upper
94	100		
65	46.2	6.6	46.6
66	58.7	13.9	53.9#



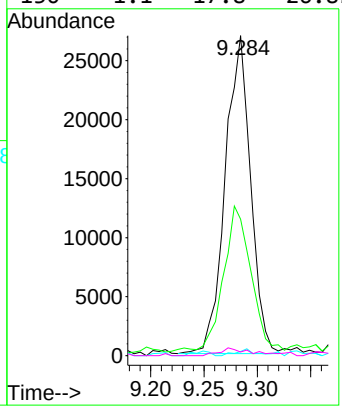
Instrument :
BNA_G
ClientSampleId :
PE-4D-(7.0-7.5)

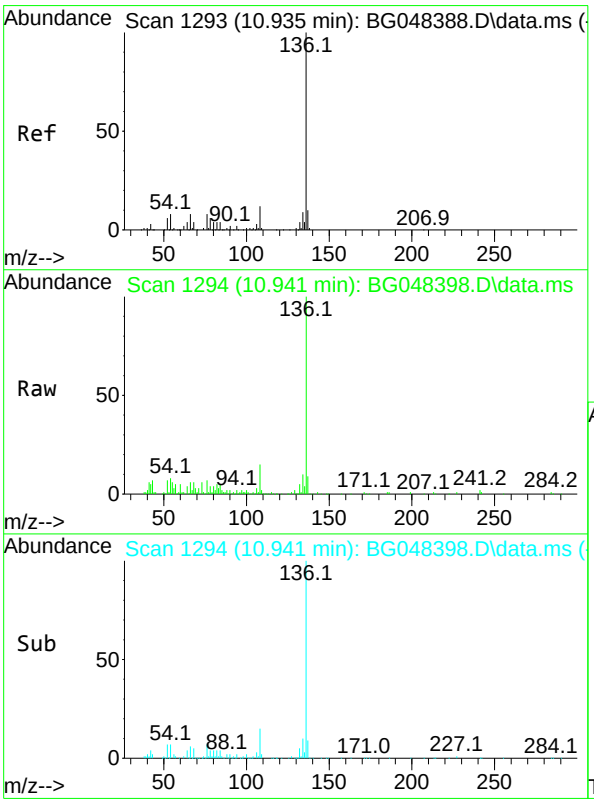


#19
n-Nitroso-di-n-propylamine
Concen: 14.15 ng
RT: 9.284 min Scan# 1012
Delta R.T. 0.364 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

Tgt Ion: 70 Resp: 44681

Ion	Ratio	Lower	Upper
70	100		
42	42.7	45.6	68.4#
101	1.3	8.4	12.6#
130	1.1	17.8	26.8#

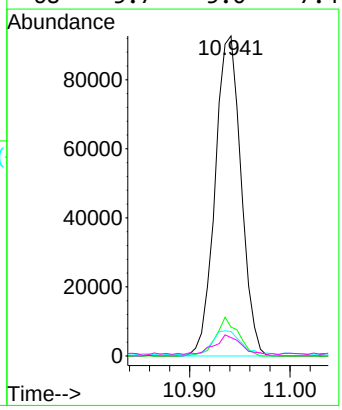


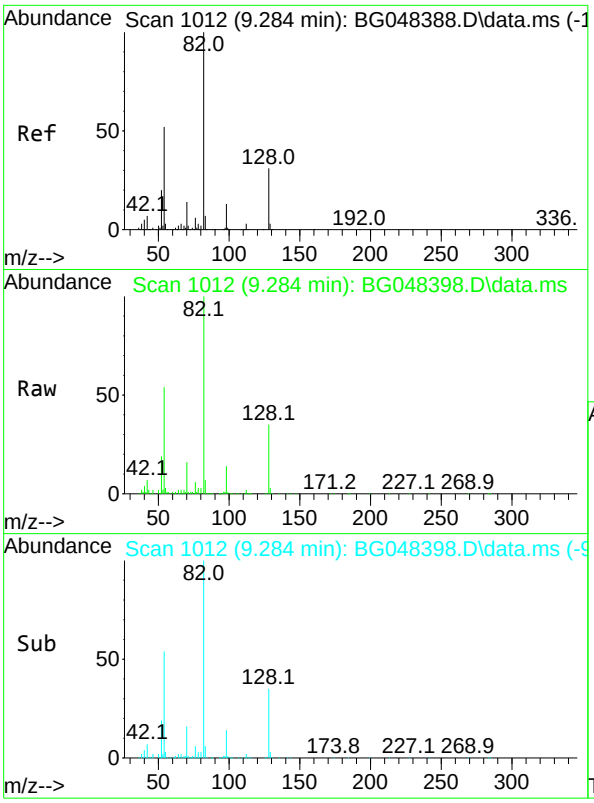


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.941 min Scan# 1294
Delta R.T. 0.006 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

Tgt Ion:136 Resp: 166393

Ion	Ratio	Lower	Upper
136	100		
137	9.0	9.1	13.7#
54	7.7	6.2	9.4
68	5.7	5.0	7.4

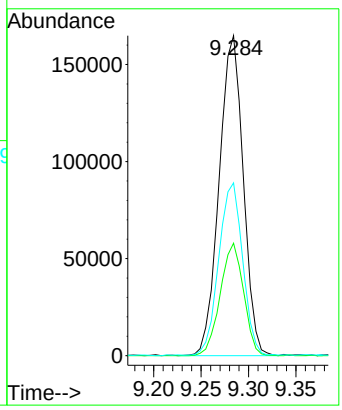




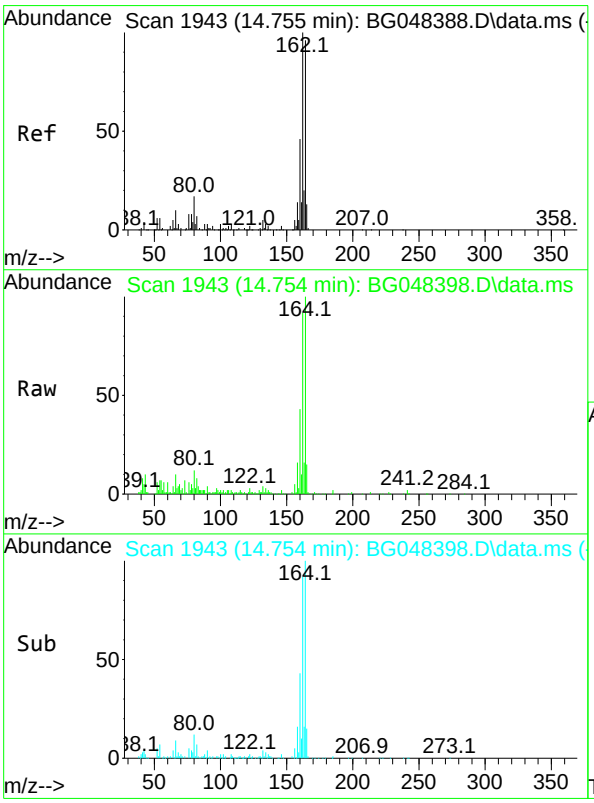
#23
Nitrobenzene-d5
Concen: 77.85 ng
RT: 9.284 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

Tgt Ion: 82 Resp: 291533

Ion	Ratio	Lower	Upper
82	100		
128	35.2	37.0	55.6#
54	54.0	39.0	58.4



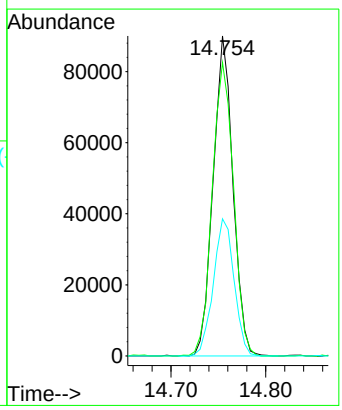
Instrument :
BNA_G
ClientSampleId :
PE-4D-(7.0-7.5)



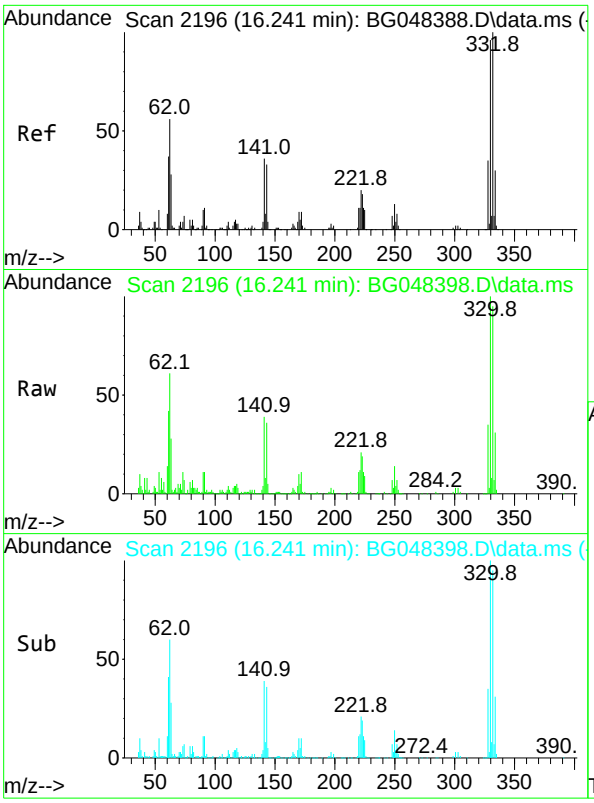
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.754 min Scan# 1943
Delta R.T. -0.001 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

Tgt Ion:164 Resp: 130632

Ion	Ratio	Lower	Upper
164	100		
162	91.7	82.3	123.5
160	42.8	35.3	52.9



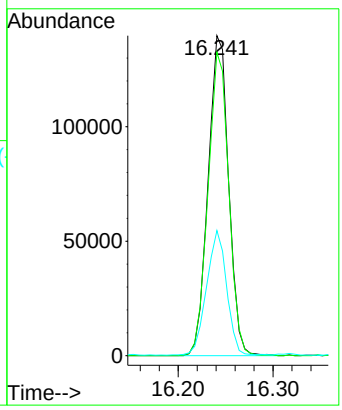
Instrument :
BNA_G
ClientSampleId :
PE-4D-(7.0-7.5)

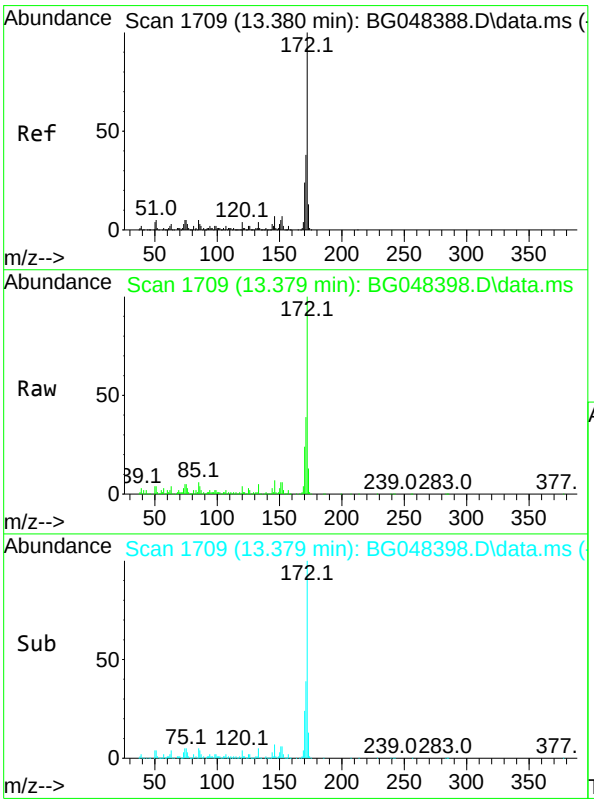


#42
2,4,6-Tribromophenol
Concen: 125.41 ng
RT: 16.241 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

Tgt Ion:330 Resp: 209603

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.5	114.7
141	38.3	26.0	39.0

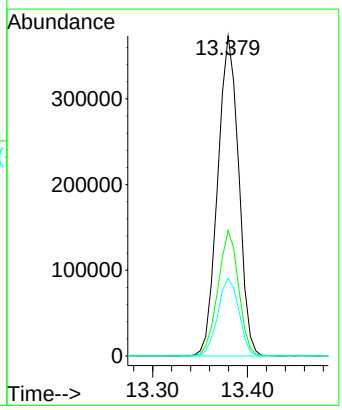




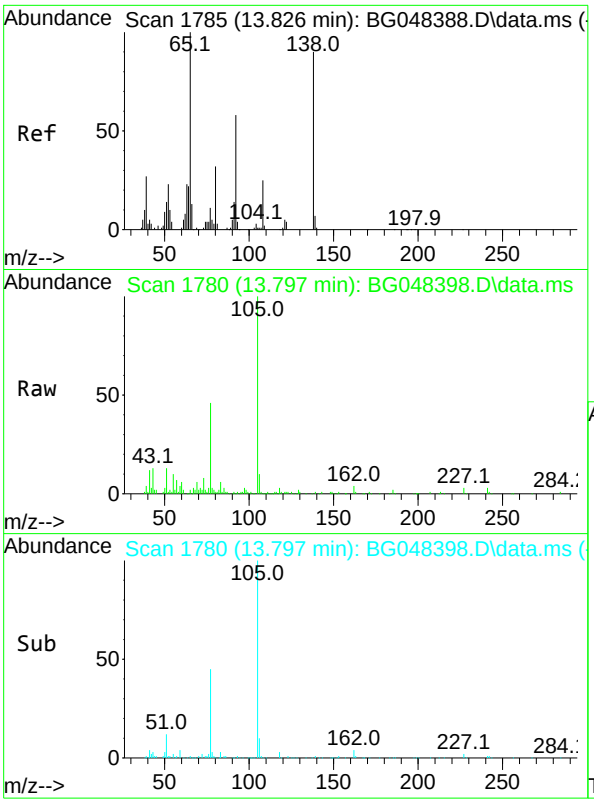
#45
2-Fluorobiphenyl
Concen: 61.90 ng
RT: 13.379 min Scan# 1709
Delta R.T. -0.000 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

Tgt Ion:172 Resp: 573735

Ion	Ratio	Lower	Upper
172	100		
171	39.2	31.3	46.9
170	24.3	20.8	31.2



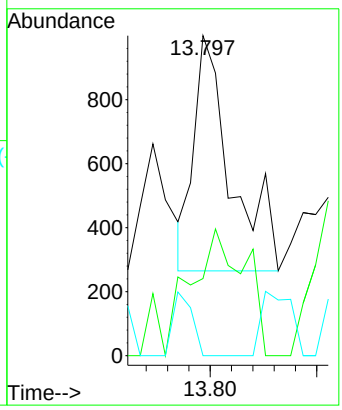
Instrument :
BNA_G
ClientSampleId :
PE-4D-(7.0-7.5)

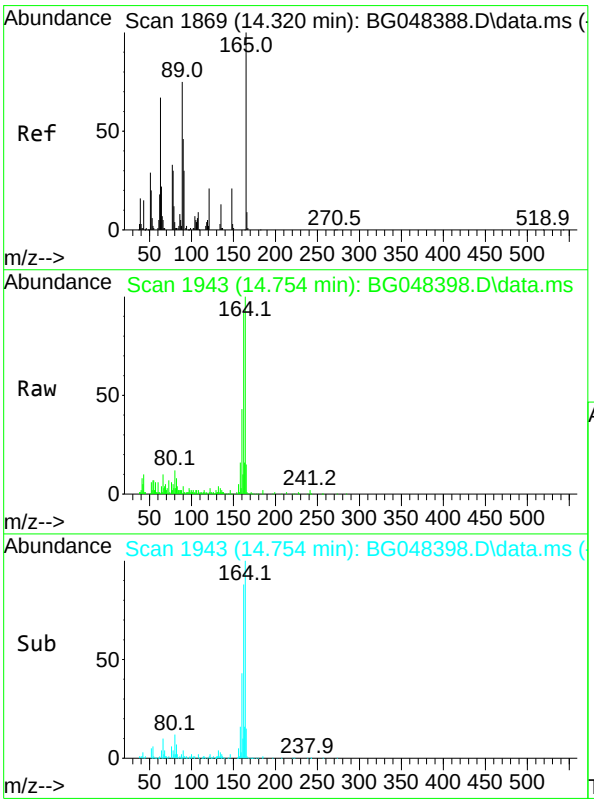


#48
2-Nitroaniline
Concen: 3.80 ng
RT: 13.797 min Scan# 1780
Delta R.T. -0.029 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

Tgt Ion: 65 Resp: 888

Ion	Ratio	Lower	Upper
65	100		
92	24.1	58.6	88.0#
138	0.0	98.2	147.4#

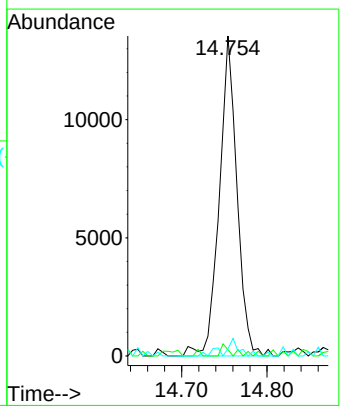




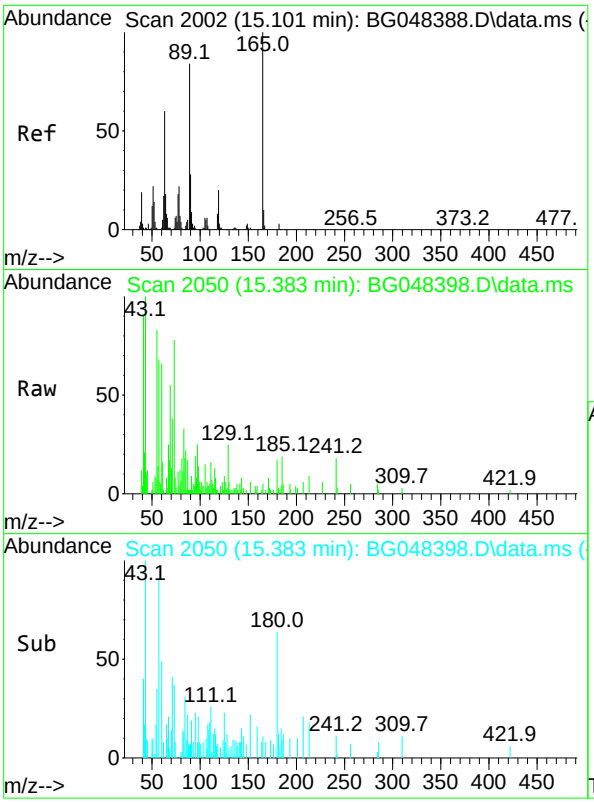
#51
2,6-Dinitrotoluene
Concen: 10.23 ng
RT: 14.754 min Scan# 1943
Delta R.T. 0.435 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

Tgt Ion:165 Resp: 19543

Ion	Ratio	Lower	Upper
165	100		
63	2.0	33.7	50.5#
89	2.2	36.6	54.8#



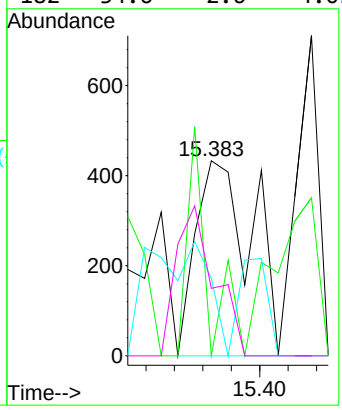
Instrument :
BNA_G
ClientSampleId :
PE-4D-(7.0-7.5)

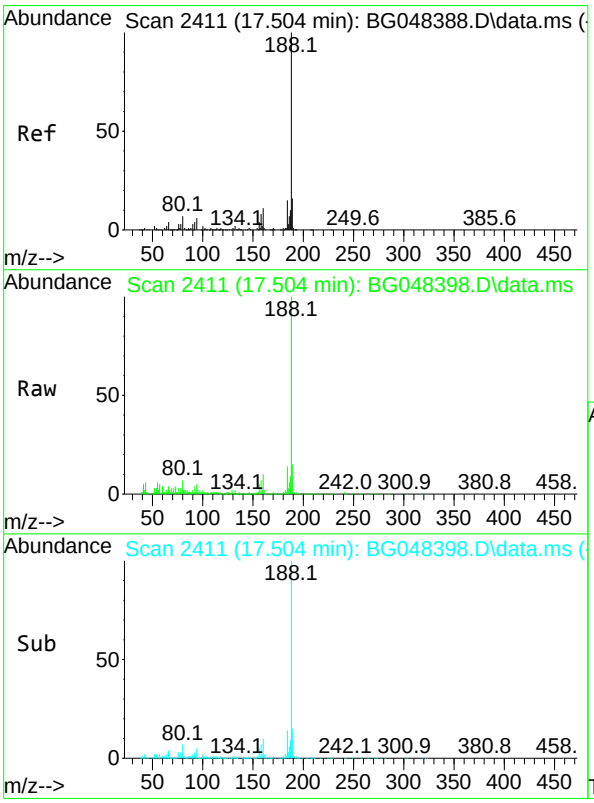


#57
2,4-Dinitrotoluene
Concen: 2.12 ng
RT: 15.383 min Scan# 2050
Delta R.T. 0.282 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

Tgt Ion:165 Resp: 593

Ion	Ratio	Lower	Upper
165	100		
63	0.0	26.4	39.6#
89	39.7	47.8	71.8#
182	34.6	2.6	4.0#

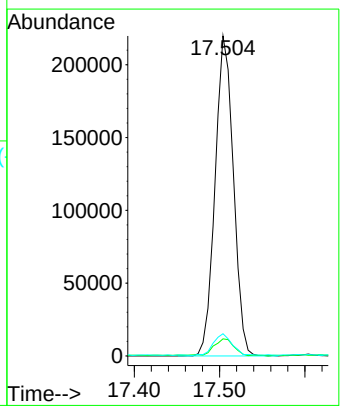




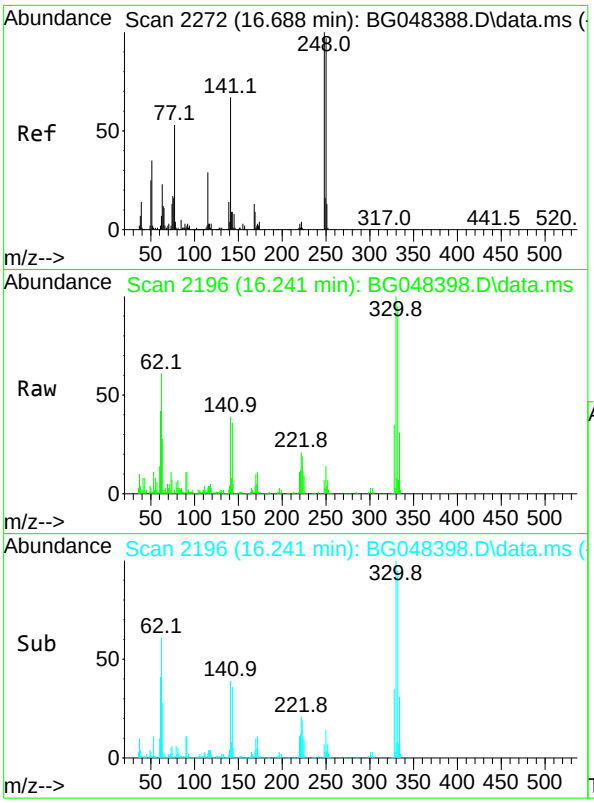
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.504 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

Tgt Ion:188 Resp: 328111

Ion	Ratio	Lower	Upper
188	100		
94	5.3	6.3	9.5#
80	7.0	7.0	10.6#



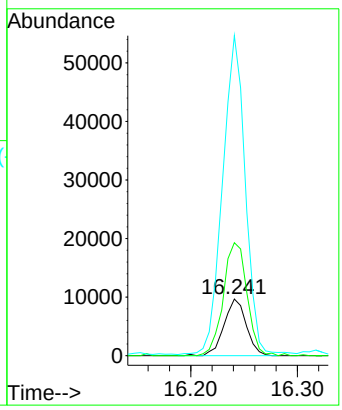
Instrument :
BNA_G
ClientSampleId :
PE-4D-(7.0-7.5)

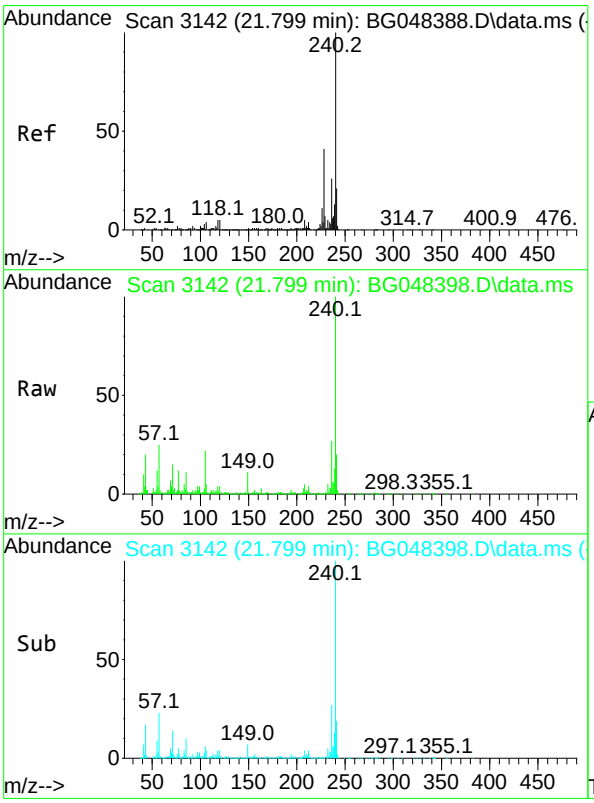


#67
4-Bromophenyl-phenylether
Concen: 3.54 ng
RT: 16.241 min Scan# 2196
Delta R.T. -0.447 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

Tgt Ion:248 Resp: 13976

Ion	Ratio	Lower	Upper
248	100		
250	199.4	78.9	118.3#
141	565.0	46.2	69.4#

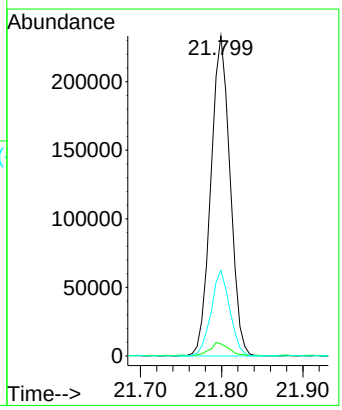


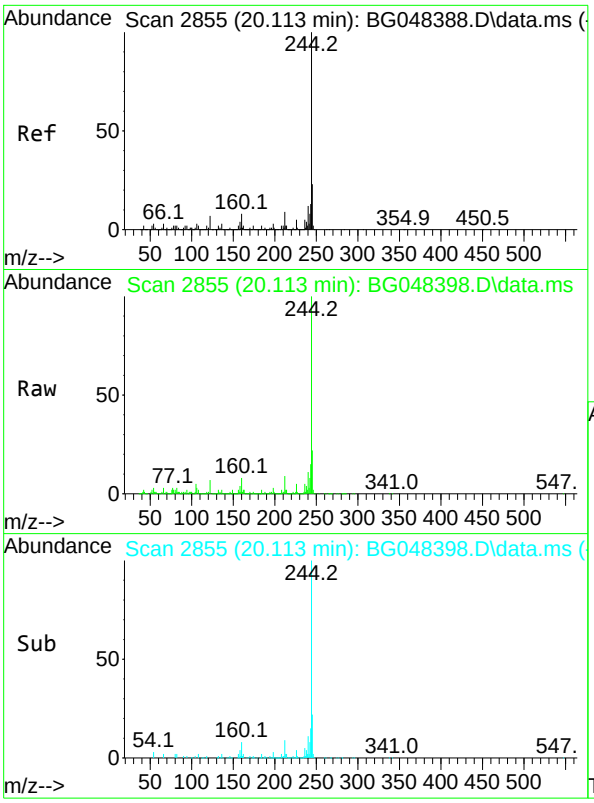


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.799 min Scan# 3142
Delta R.T. -0.000 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

Tgt Ion:240 Resp: 383828

Ion	Ratio	Lower	Upper
240	100		
120	3.8	6.2	9.4#
236	26.7	20.5	30.7

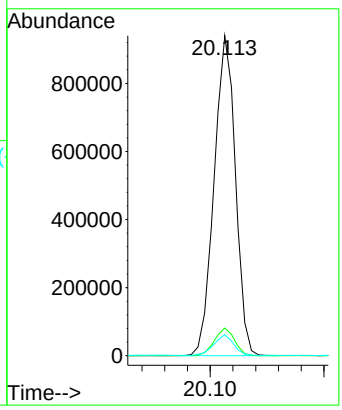




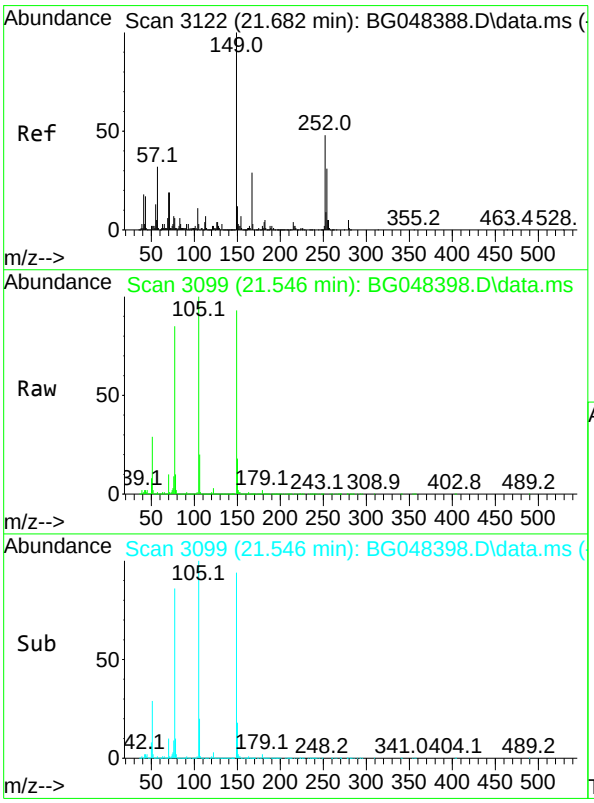
#79
Terphenyl-d14
Concen: 61.58 ng
RT: 20.113 min Scan# 2855
Delta R.T. -0.000 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

Tgt Ion:244 Resp: 1222953

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.7	10.1
122	6.6	7.8	11.6#



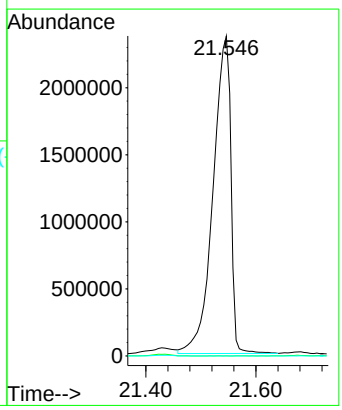
Instrument :
BNA_G
ClientSampleId :
PE-4D-(7.0-7.5)

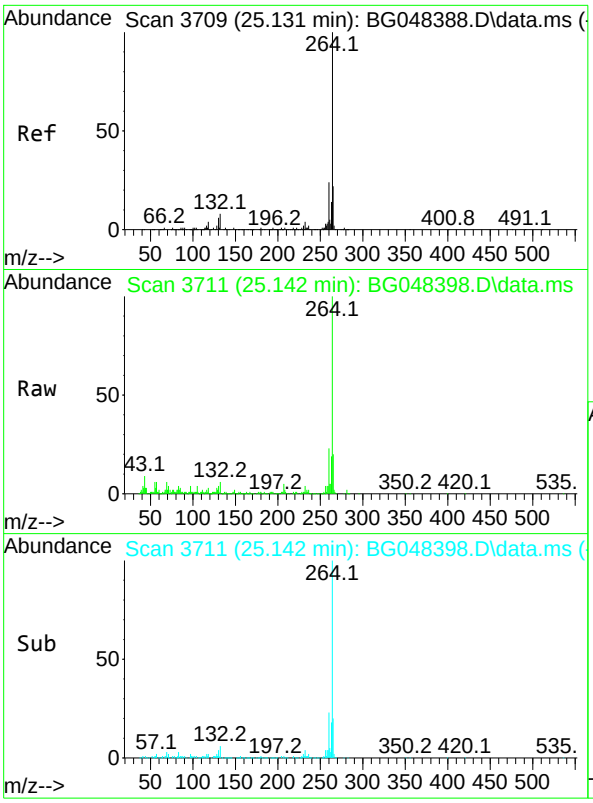


#84
Bis(2-ethylhexyl)phthalate
Concen: 453.52 ng
RT: 21.546 min Scan# 3099
Delta R.T. -0.135 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

Tgt Ion:149 Resp: 5296566

Ion	Ratio	Lower	Upper
149	100		
167	0.0	24.8	37.2#
279	0.0	4.6	7.0#

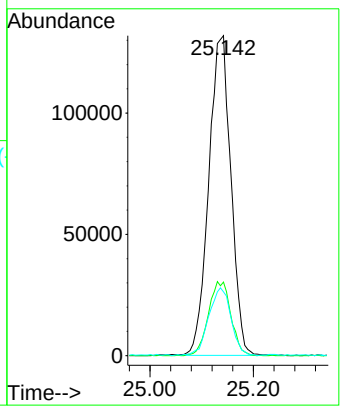




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.142 min Scan# 3711
Delta R.T. 0.012 min
Lab File: BG048398.D
Acq: 17 Mar 2021 15:07

Tgt Ion:264 Resp: 391512

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.8	28.2
265	19.9	17.8	26.8



Instrument :
BNA_G
ClientSampleId :
PE-4D-(7.0-7.5)