Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051073.D
Acq On : 16 Nov 2021 19:16
Operator : CG/JU
Sample : M4659-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HB-2-(6-6.5)-11-10-21

Quant Time: Nov 17 00:42:21 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 03:55:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	32124	20.000	ng	0.00
21) Naphthalene-d8	11.052	136	127073	20.000	ng	# 0.00
39) Acenaphthene-d10	14.854	164	83653	20.000	ng	0.00
64) Phenanthrene-d10	17.597	188	203302	20.000	ng	# 0.00
76) Chrysene-d12	21.892	240	198930	20.000	ng	# 0.00
86) Perylene-d12	25.300	264	201854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	212520	98.963	ng	0.00
7) Phenol-d6	7.368	99	272785	89.997	ng	0.00
23) Nitrobenzene-d5	9.395	82	180411	62.847	ng	0.00
42) 2,4,6-Tribromophenol	16.340	330	91040	108.751	ng	0.00
45) 2-Fluorobiphenyl	13.479	172	328311	62.011	ng	0.00
79) Terphenyl-d14	20.188	244	610976	56.198	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	9.325	117	3352	3.652	ng	# 1
19) n-Nitroso-di-n-propyla...	8.984	70	7909	3.531	ng	# 73
25) Isophorone	9.953	82	57455	11.074	ng	# 1
26) 2-Nitrophenol	10.141	139	5298	4.405	ng	# 1
35) Caprolactam	12.039	113	30325	56.897	ng	# 1
53) 3-Nitroaniline	14.748	138	3575	2.258	ng	# 34
66) n-Nitrosodiphenylamine	16.099	169	16578	2.839	ng	# 44

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051073.D
Acq On : 16 Nov 2021 19:16
Operator : CG/JU
Sample : M4659-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

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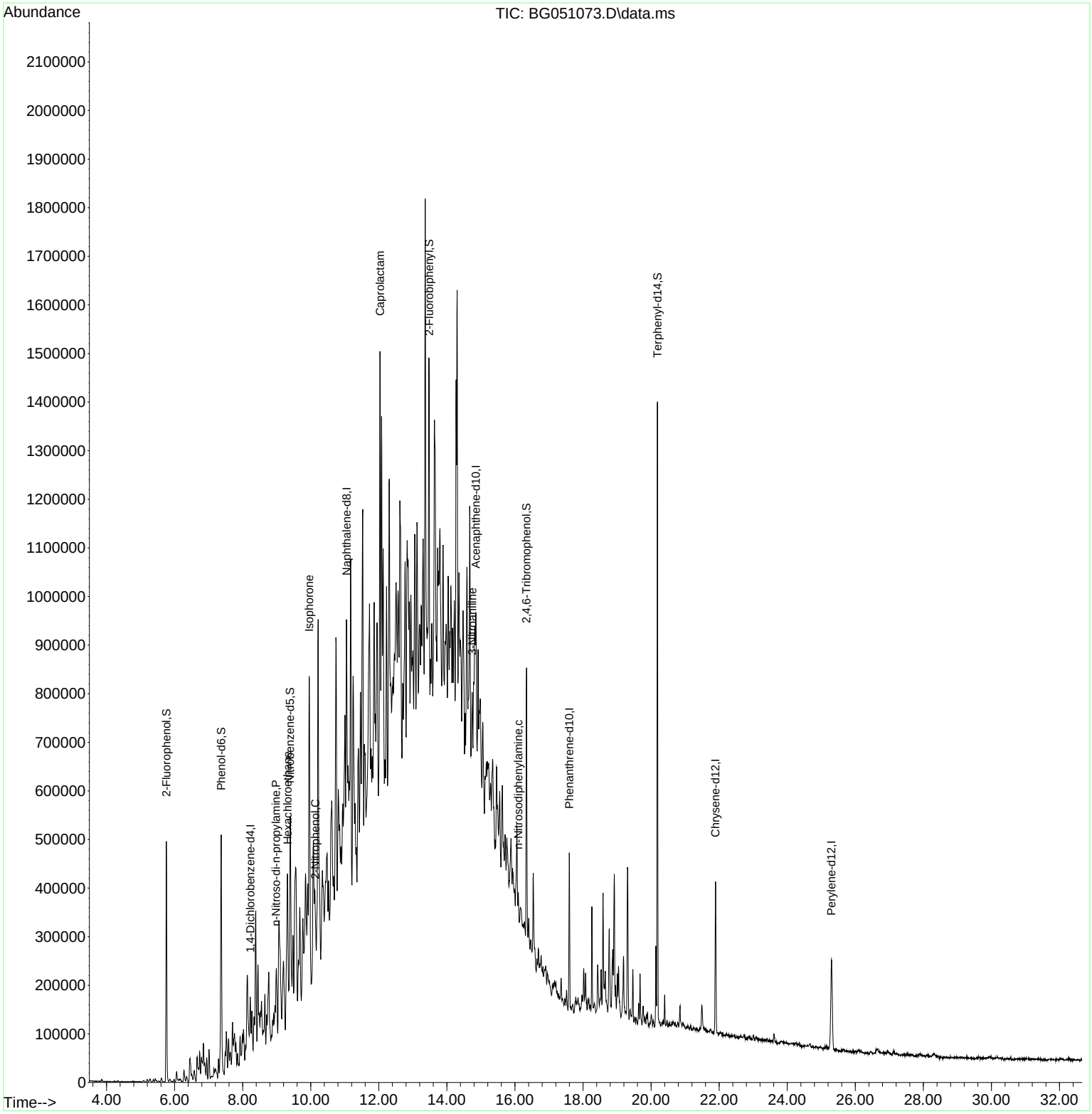
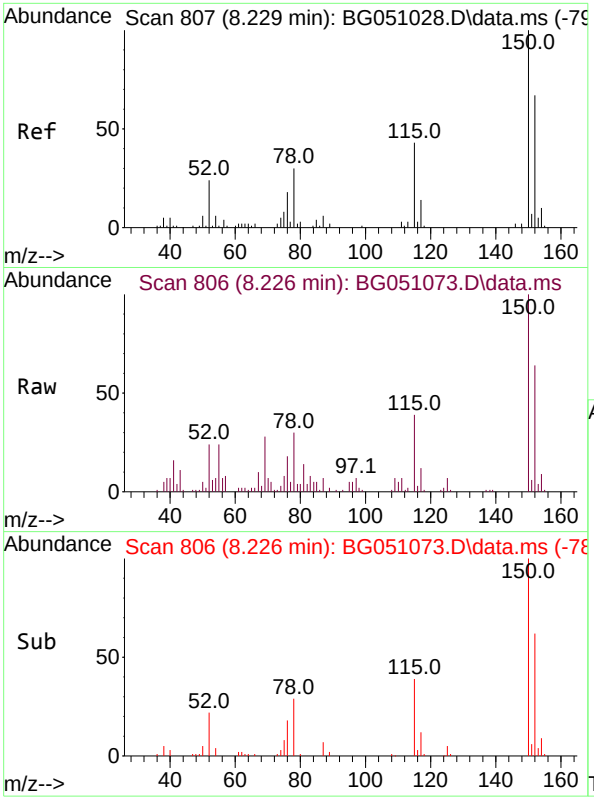
Response via : Initial Calibration



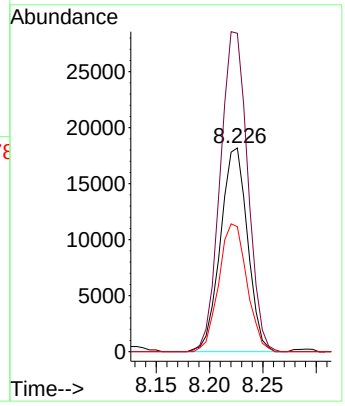


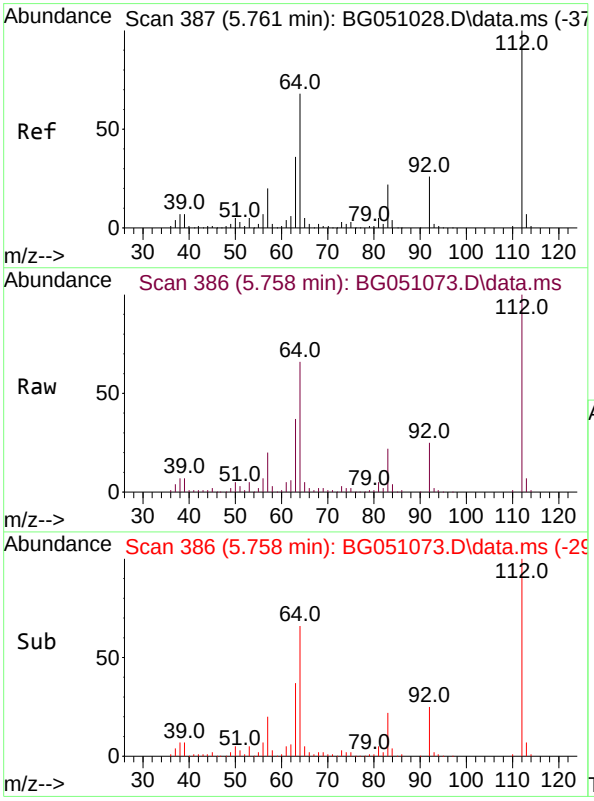
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.226 min Scan# 8(
Delta R.T. -0.003 min
Lab File: BG051073.D
Acq: 16 Nov 2021 19:16

Instrument :
BNA_G
ClientSampleId :
HB-2-(6-6.5)-11-10-21

Tgt Ion:152 Resp: 32124

Ion	Ratio	Lower	Upper
152	100		
150	156.4	119.4	179.0
115	61.3	60.2	90.4

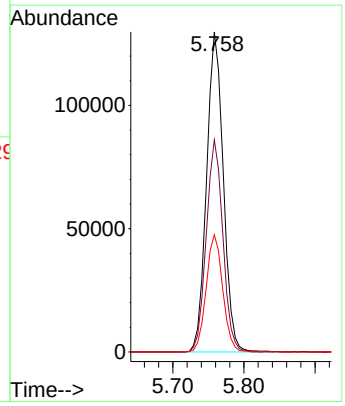


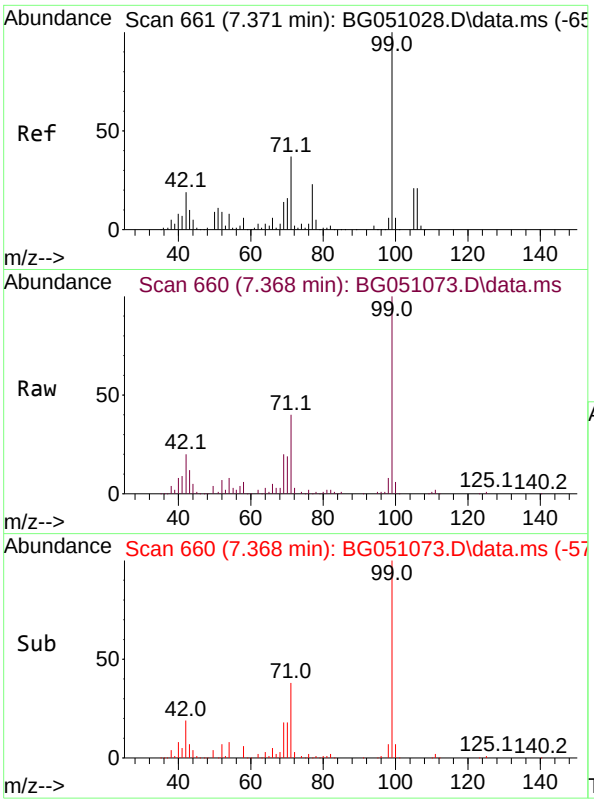


#5
2-Fluorophenol
Concen: 98.963 ng
RT: 5.758 min Scan# 386
Delta R.T. -0.003 min
Lab File: BG051073.D
Acq: 16 Nov 2021 19:16

Tgt Ion:112 Resp: 212520

Ion	Ratio	Lower	Upper
112	100		
64	66.2	46.7	70.1
63	36.6	35.3	52.9



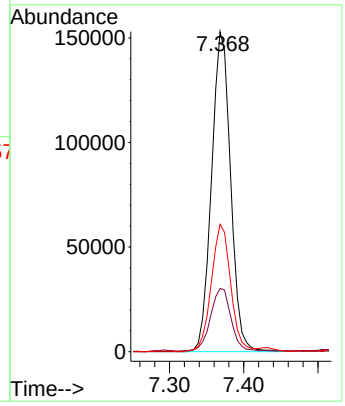


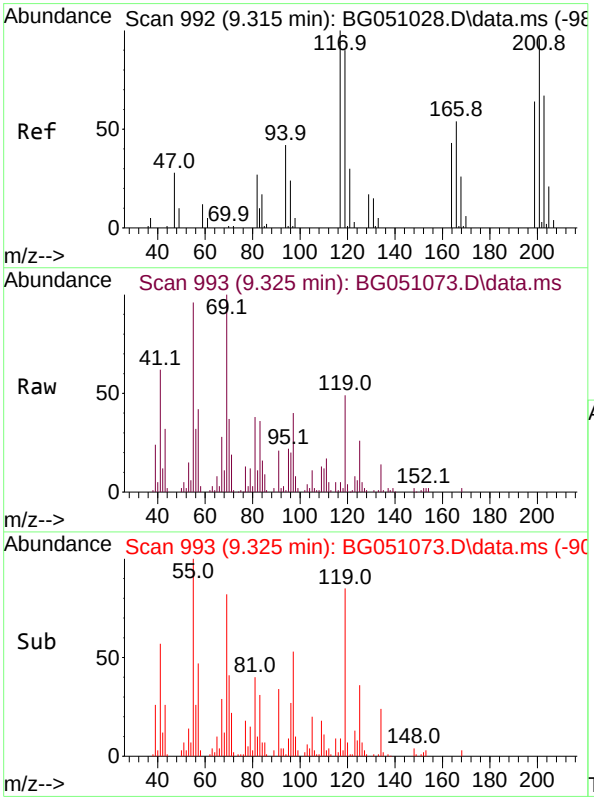
#7
Phenol-d6
Concen: 89.997 ng
RT: 7.368 min Scan# 6
Delta R.T. -0.003 min
Lab File: BG051073.D
Acq: 16 Nov 2021 19:16

Instrument :
BNA_G
ClientSampleId :
HB-2-(6-6.5)-11-10-21

Tgt Ion: 99 Resp: 272785

Ion	Ratio	Lower	Upper
99	100		
42	19.8	20.5	30.7#
71	39.8	41.5	62.3#

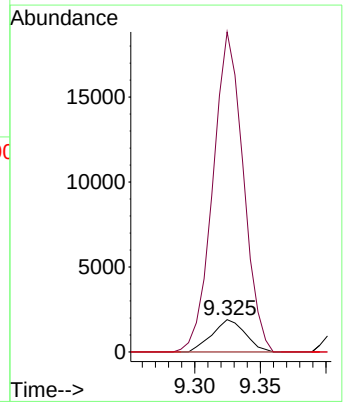


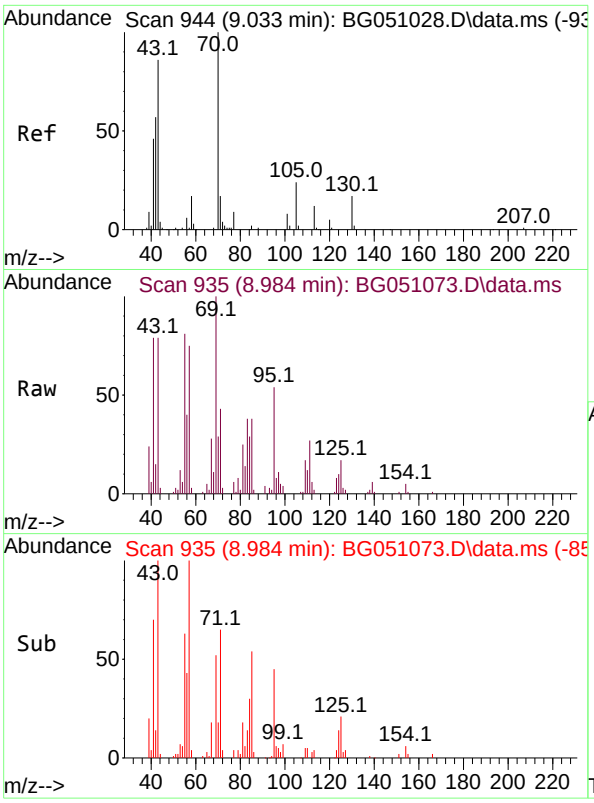


#18
Hexachloroethane
Concen: 3.652 ng
RT: 9.325 min Scan# 993
Delta R.T. 0.009 min
Lab File: BG051073.D
Acq: 16 Nov 2021 19:16

Tgt Ion:117 Resp: 3352

Ion	Ratio	Lower	Upper
117	100		
119	988.6	74.4	111.6#
201	0.0	88.6	133.0#



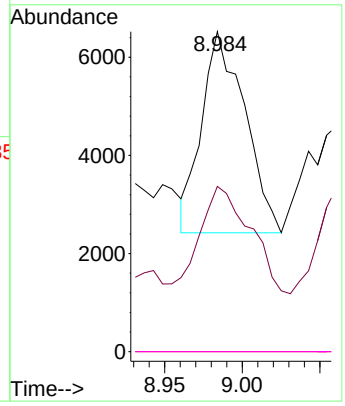


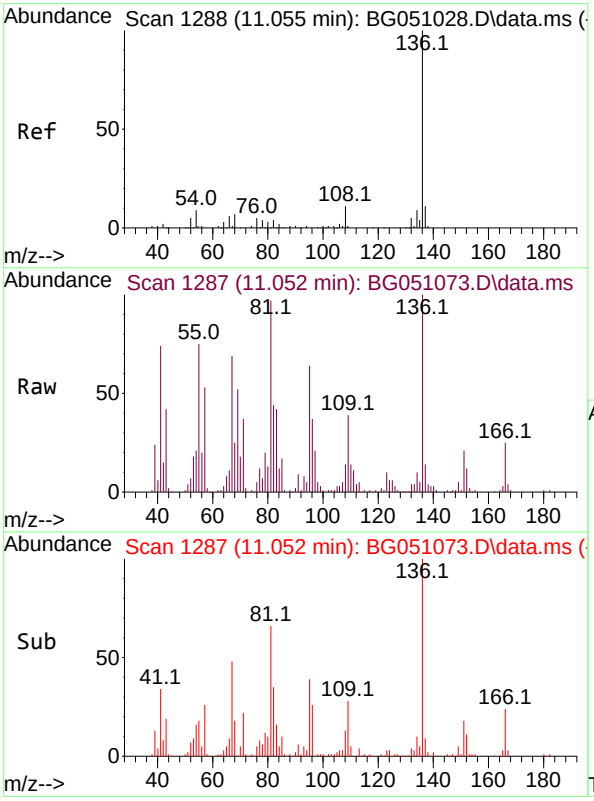
#19
n-Nitroso-di-n-propylamine
Concen: 3.531 ng
RT: 8.984 min Scan# 9
Delta R.T. -0.050 min
Lab File: BG051073.D
Acq: 16 Nov 2021 19:16

Instrument :
BNA_G
ClientSampleId :
HB-2-(6-6.5)-11-10-21

Tgt Ion: 70 Resp: 7909

Ion	Ratio	Lower	Upper
70	100		
42	51.6	54.5	81.7#
101	0.0	9.0	13.6#
130	0.0	17.0	25.6#

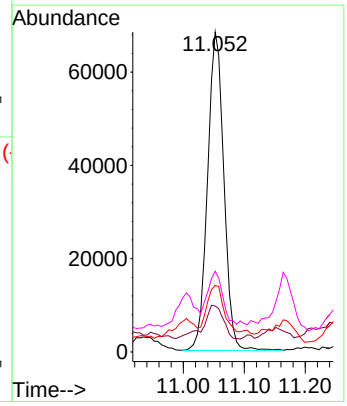


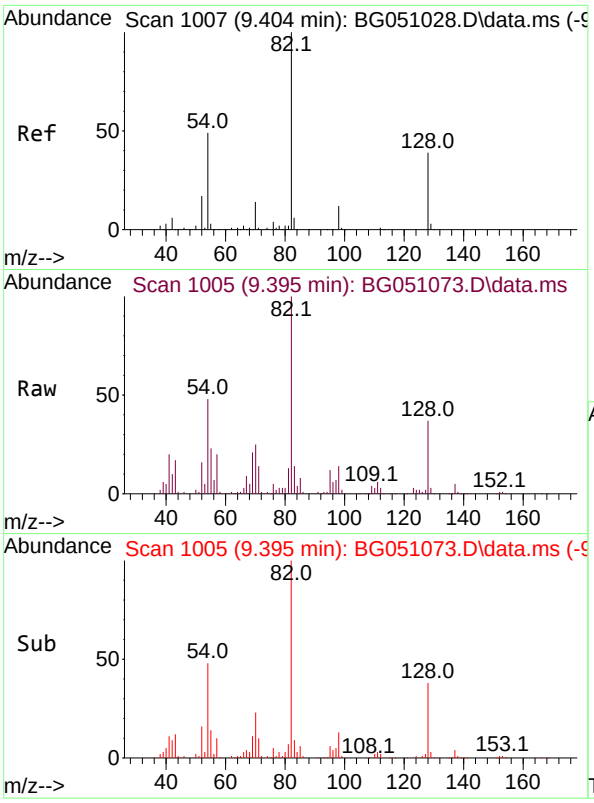


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.052 min Scan# 1287
Delta R.T. -0.003 min
Lab File: BG051073.D
Acq: 16 Nov 2021 19:16

Tgt Ion:136 Resp: 127073

Ion	Ratio	Lower	Upper
136	100		
137	14.3	8.2	12.2#
54	20.8	5.5	8.3#
68	25.2	2.3	3.5#



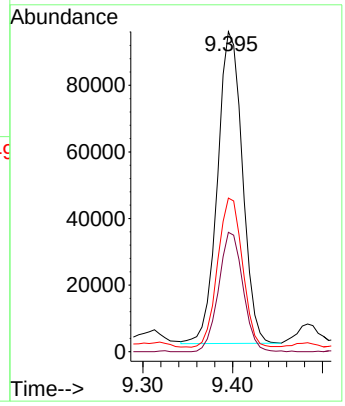


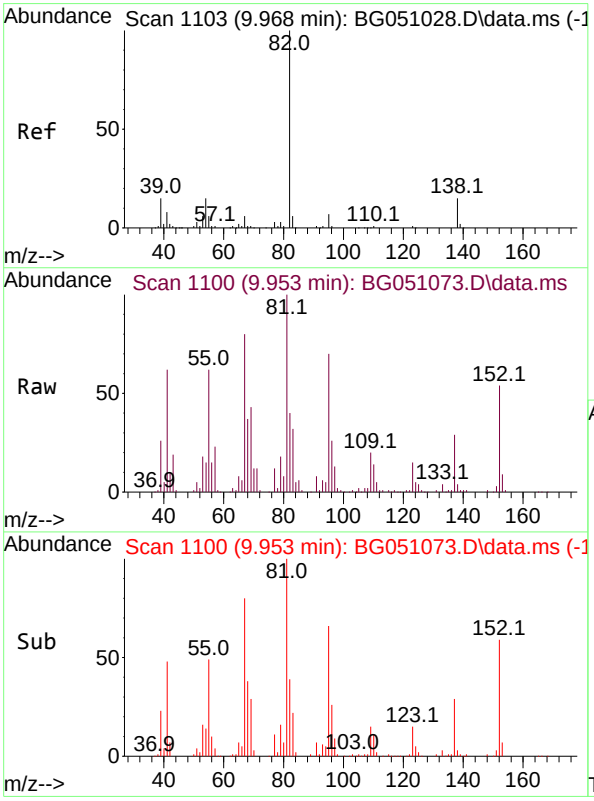
#23
Nitrobenzene-d5
Concen: 62.847 ng
RT: 9.395 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG051073.D
Acq: 16 Nov 2021 19:16

Instrument :
BNA_G
ClientSampleId :
HB-2-(6-6.5)-11-10-21

Tgt Ion: 82 Resp: 180411

Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.8	44.6
54	48.0	45.8	68.8

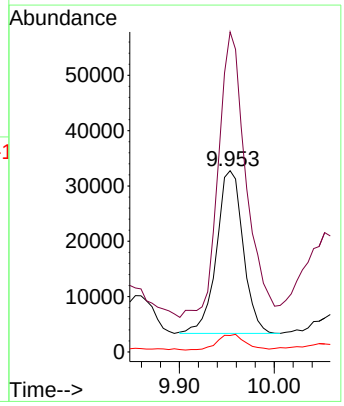


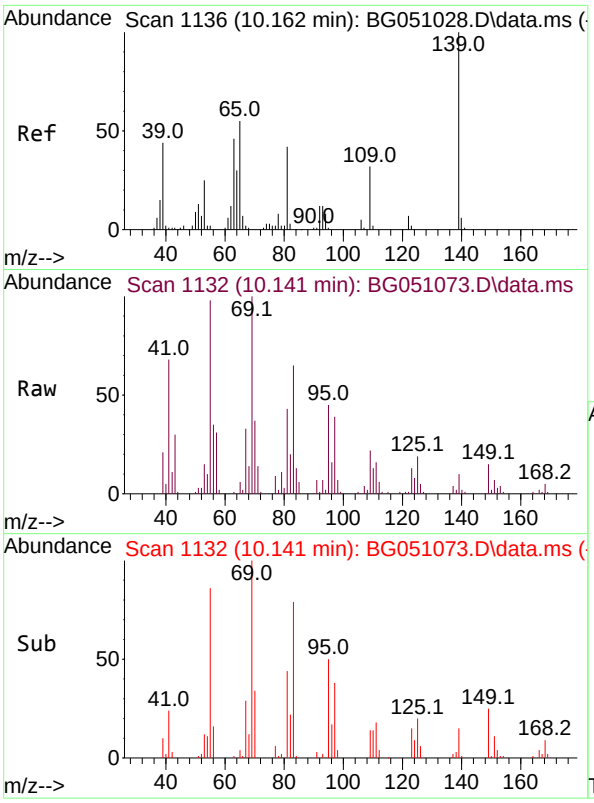


#25
Isophorone
Concen: 11.074 ng
RT: 9.953 min Scan# 1100
Delta R.T. -0.014 min
Lab File: BG051073.D
Acq: 16 Nov 2021 19:16

Tgt Ion: 82 Resp: 57455

Ion	Ratio	Lower	Upper
82	100		
95	176.5	8.5	12.7#
138	9.1	11.8	17.6#



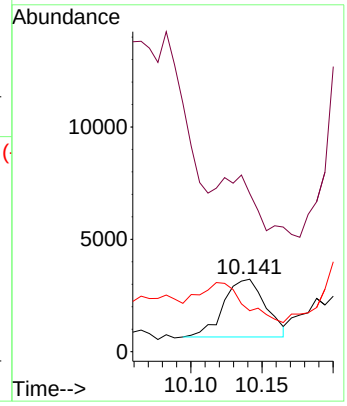


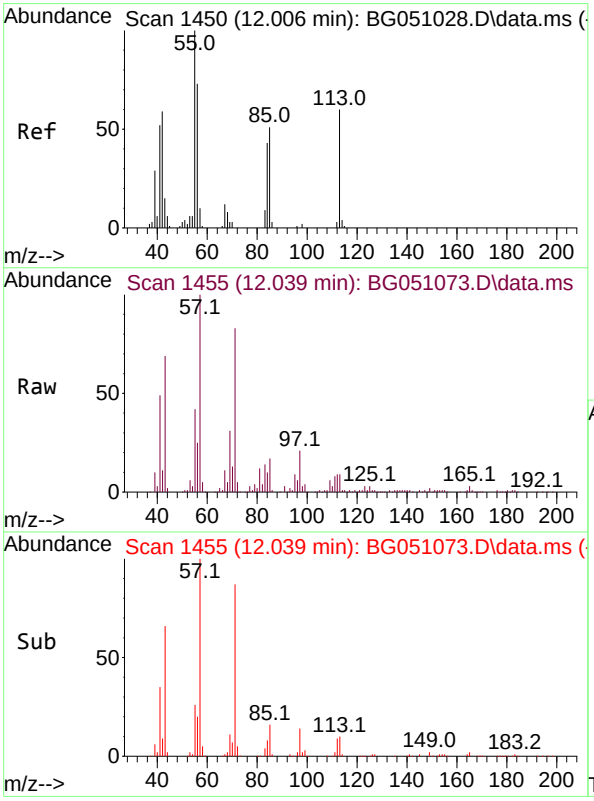
#26
2-Nitrophenol
Concen: 4.405 ng
RT: 10.141 min Scan# 1
Delta R.T. -0.020 min
Lab File: BG051073.D
Acq: 16 Nov 2021 19:16

Instrument :
BNA_G
ClientSampleId :
HB-2-(6-6.5)-11-10-21

Tgt Ion:139 Resp: 5298

Ion	Ratio	Lower	Upper
139	100		
109	218.1	37.8	56.6#
65	56.6	51.8	77.8

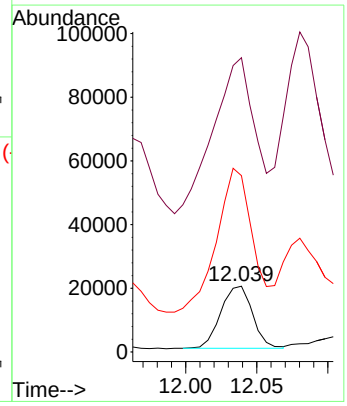


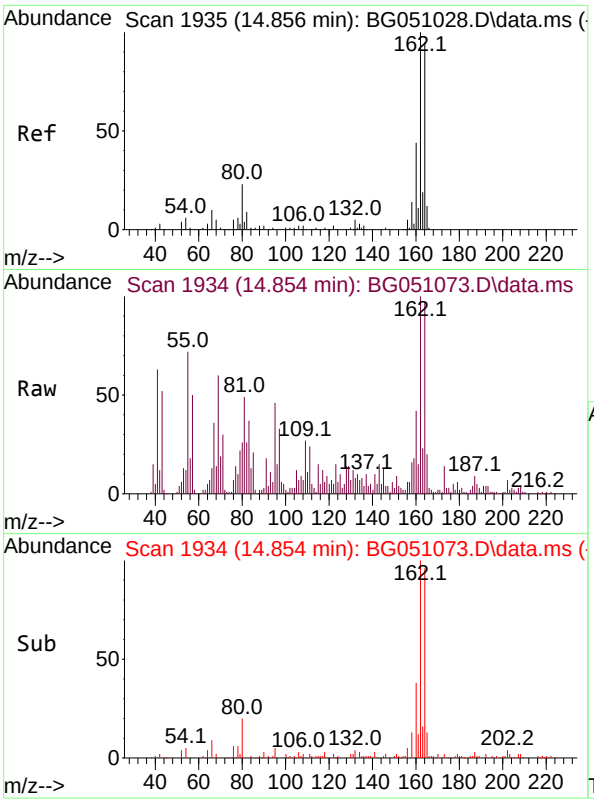


#35
Caprolactam
Concen: 56.897 ng
RT: 12.039 min Scan# 1455
Delta R.T. 0.033 min
Lab File: BG051073.D
Acq: 16 Nov 2021 19:16

Tgt Ion:113 Resp: 30325

Ion	Ratio	Lower	Upper
113	100		
55	447.6	113.8	153.8#
56	268.3	105.6	145.6#



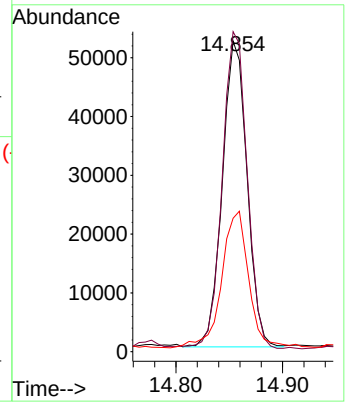


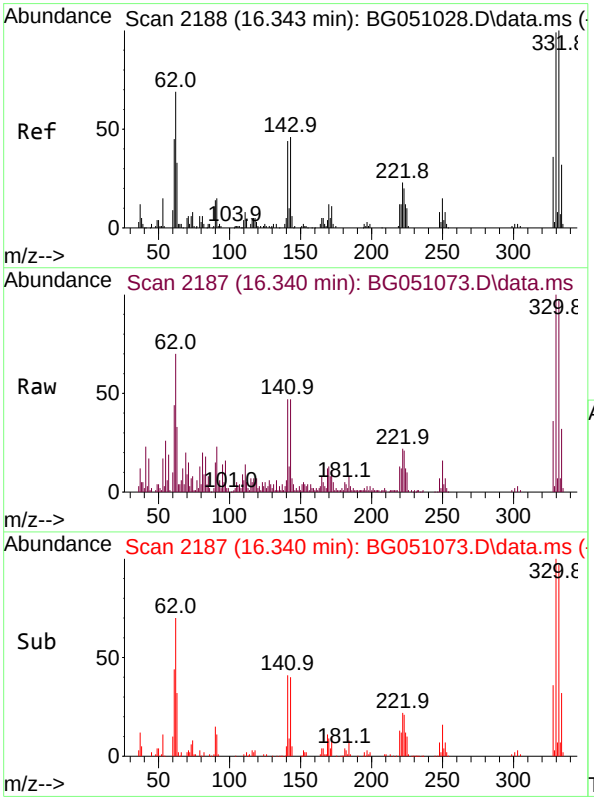
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.854 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG051073.D
Acq: 16 Nov 2021 19:16

Instrument :
BNA_G
ClientSampleId :
HB-2-(6-6.5)-11-10-21

Tgt Ion:164 Resp: 83653

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.4	122.0
160	43.0	34.9	52.3

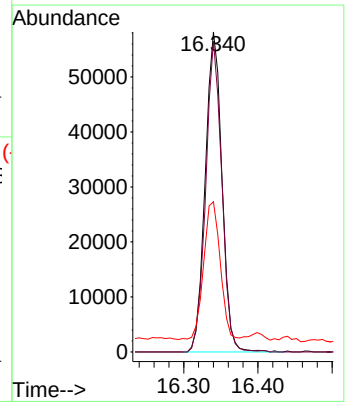


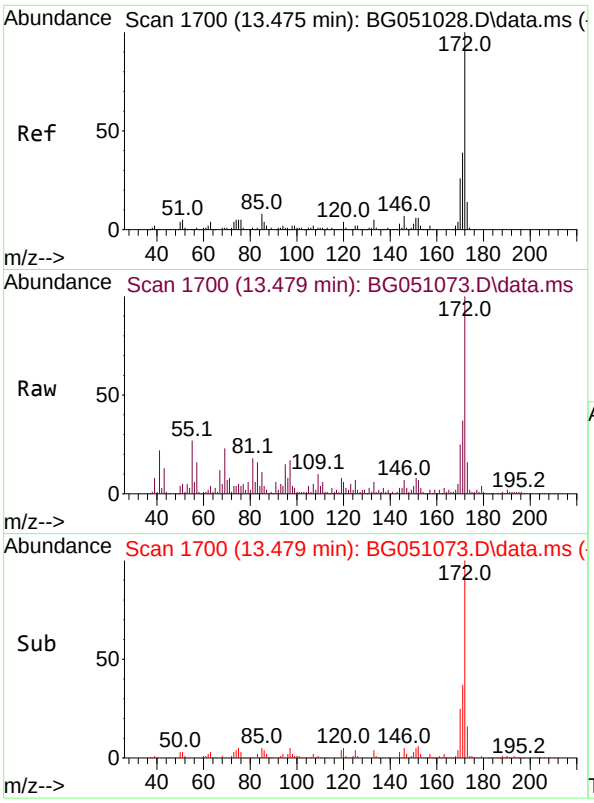


#42
2,4,6-Tribromophenol
Concen: 108.751 ng
RT: 16.340 min Scan# 2187
Delta R.T. -0.003 min
Lab File: BG051073.D
Acq: 16 Nov 2021 19:16

Tgt Ion:330 Resp: 91040

Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.3	115.9
141	43.4	35.6	53.4



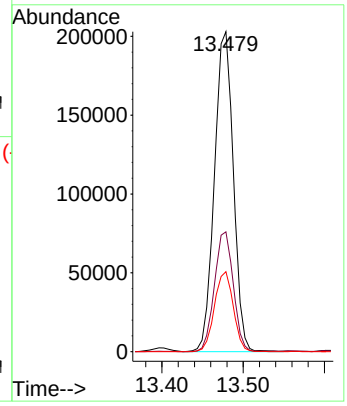


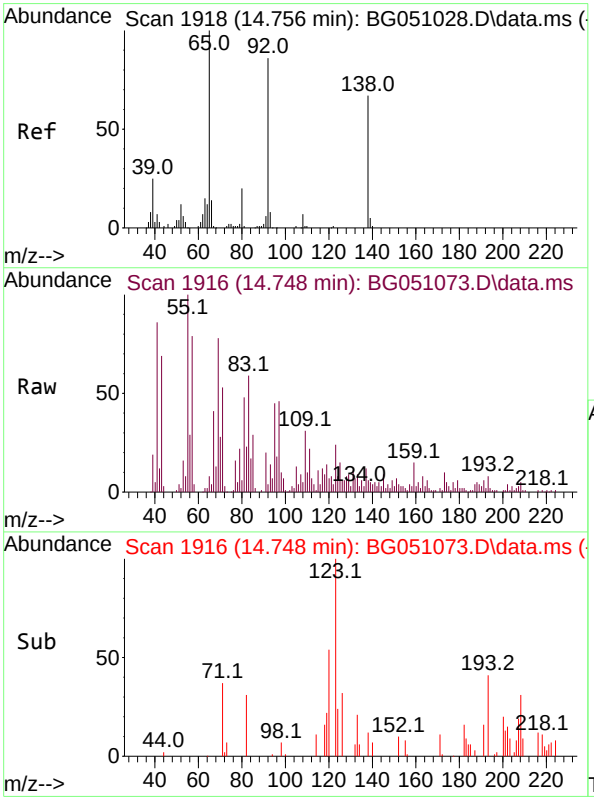
#45
2-Fluorobiphenyl
Concen: 62.011 ng
RT: 13.479 min Scan# 1
Delta R.T. 0.004 min
Lab File: BG051073.D
Acq: 16 Nov 2021 19:16

Instrument :
BNA_G
ClientSampleId :
HB-2-(6-6.5)-11-10-21

Tgt Ion:172 Resp: 328311

Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.6	43.0
170	25.0	18.6	27.8

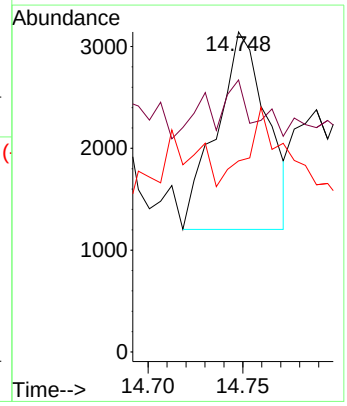


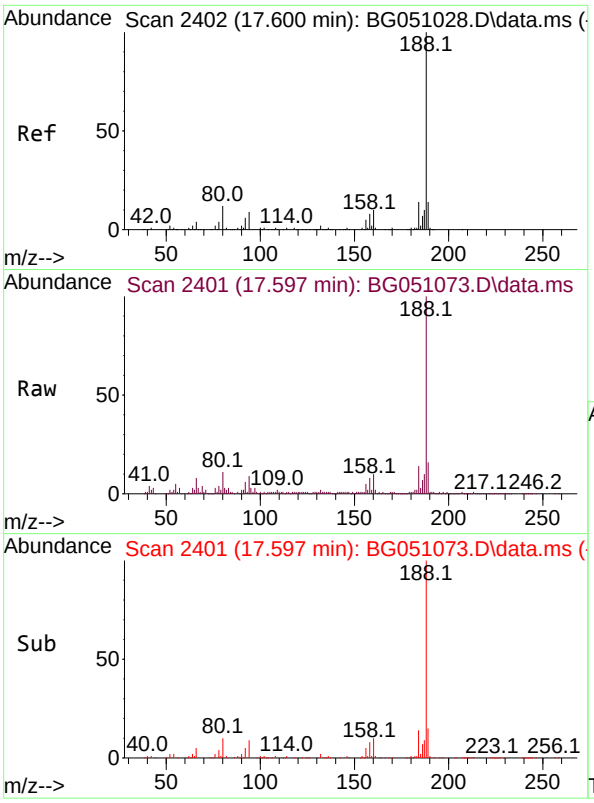


#53
3-Nitroaniline
Concen: 2.258 ng
RT: 14.748 min Scan# 1916
Delta R.T. -0.008 min
Lab File: BG051073.D
Acq: 16 Nov 2021 19:16

Tgt Ion:138 Resp: 3575

Ion	Ratio	Lower	Upper
138	100		
108	85.0	8.3	12.5#
92	59.7	96.4	144.6#



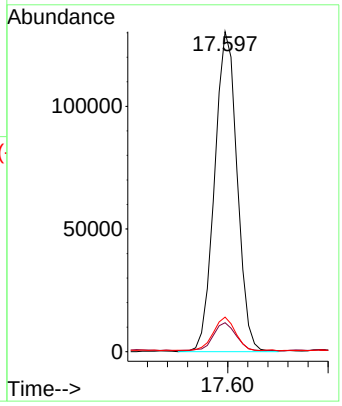


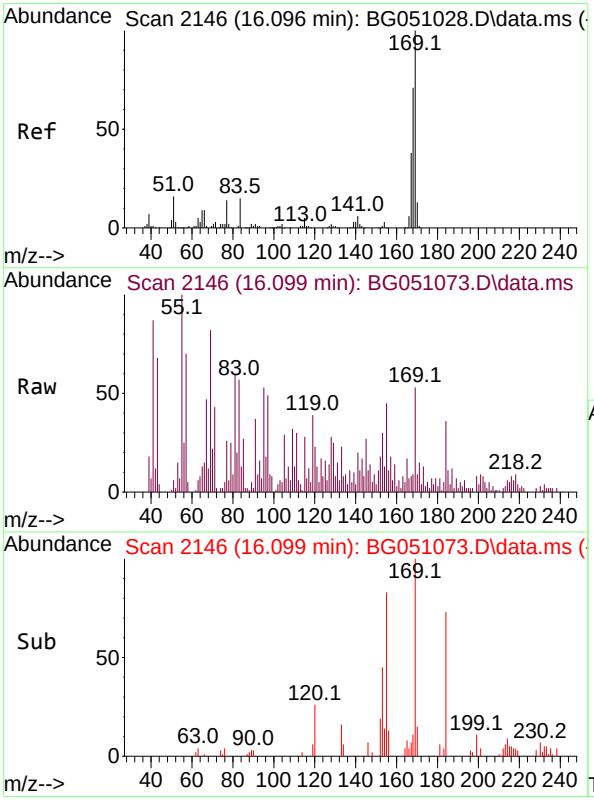
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.597 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG051073.D
Acq: 16 Nov 2021 19:16

Instrument :
BNA_G
ClientSampleId :
HB-2-(6-6.5)-11-10-21

Tgt Ion:188 Resp: 203302

Ion	Ratio	Lower	Upper
188	100		
94	9.1	5.4	8.0#
80	10.8	3.7	5.5#

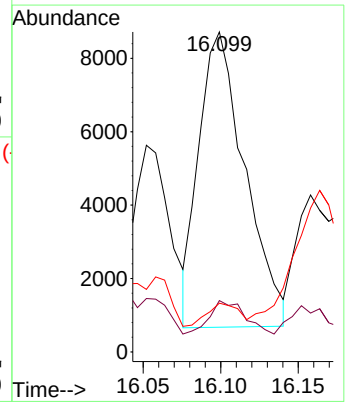


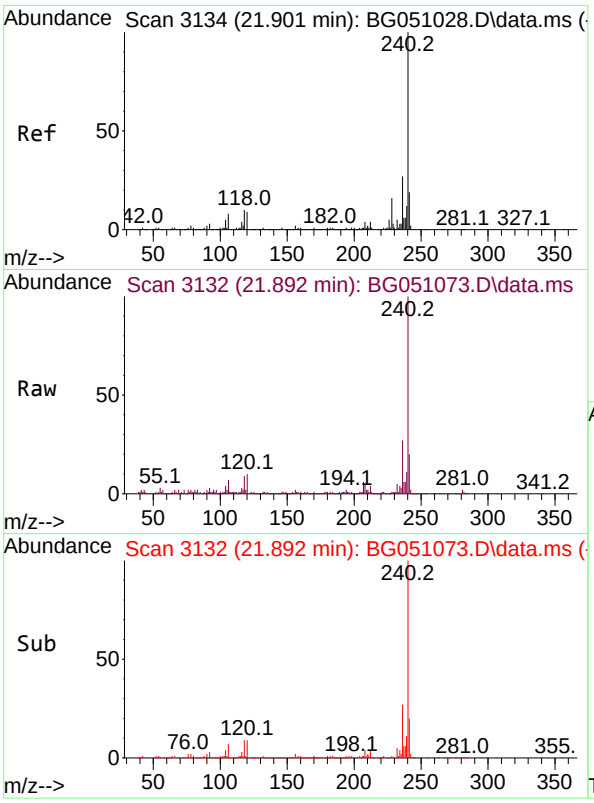


#66
n-Nitrosodiphenylamine
Concen: 2.839 ng
RT: 16.099 min Scan# 2146
Delta R.T. 0.003 min
Lab File: BG051073.D
Acq: 16 Nov 2021 19:16

Tgt Ion:169 Resp: 16578

Ion	Ratio	Lower	Upper
169	100		
168	16.1	56.3	84.5#
167	15.3	28.4	42.6#



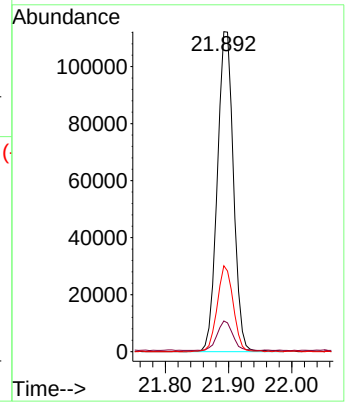


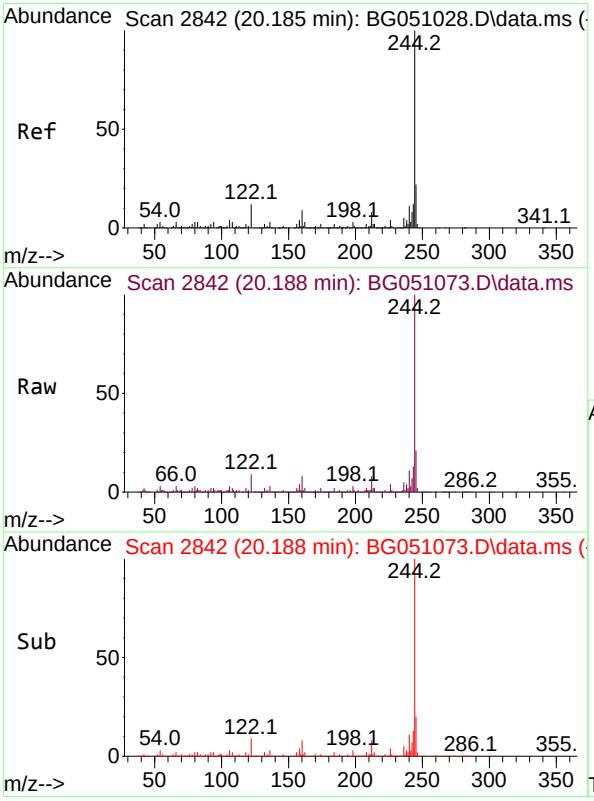
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.892 min Scan# 3
Delta R.T. -0.008 min
Lab File: BG051073.D
Acq: 16 Nov 2021 19:16

Instrument :
BNA_G
ClientSampleId :
HB-2-(6-6.5)-11-10-21

Tgt Ion:240 Resp: 198930

Ion	Ratio	Lower	Upper
240	100		
120	9.6	4.2	6.2#
236	26.8	21.8	32.6

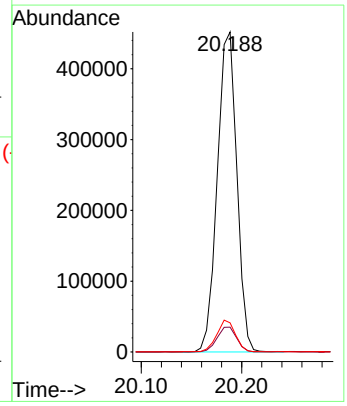


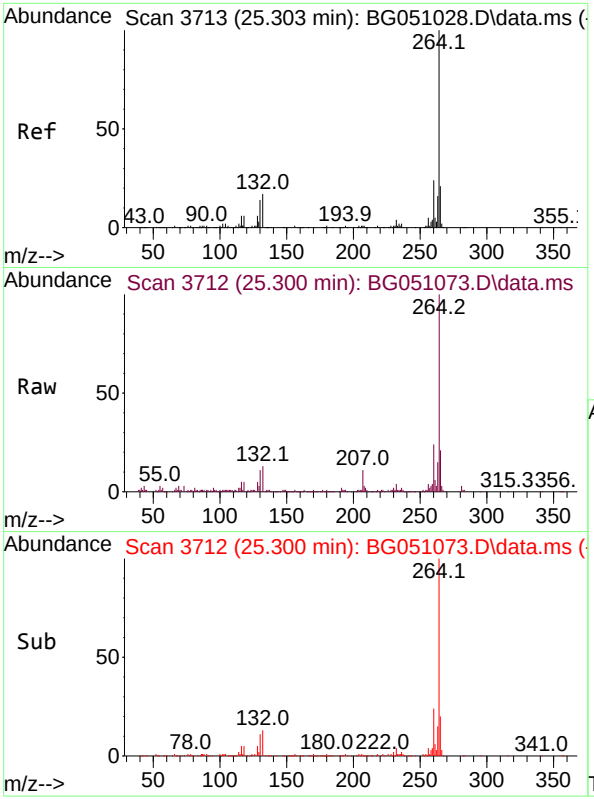


#79
Terphenyl-d14
Concen: 56.198 ng
RT: 20.188 min Scan# 2842
Delta R.T. 0.003 min
Lab File: BG051073.D
Acq: 16 Nov 2021 19:16

Tgt Ion:244 Resp: 610976

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.9	10.3
122	9.1	5.0	7.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.300 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG051073.D
Acq: 16 Nov 2021 19:16

Instrument :
BNA_G
ClientSampleId :
HB-2-(6-6.5)-11-10-21

Tgt Ion:264 Resp: 201854

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.0	16.9	25.3