Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121922\
Data File : BG056015.D
Acq On : 19 Dec 2022 16:04
Operator : CG/JU
Sample : N6026-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EB-2022-12-12

Quant Time: Dec 20 01:06:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 20 01:01:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.371	152	9341	20.000	ng	0.00
21) Naphthalene-d8	11.203	136	33751	20.000	ng	# 0.00
39) Acenaphthene-d10	14.975	164	28709	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	81246	20.000	ng	0.00
76) Chrysene-d12	22.019	240	87955	20.000	ng	-0.01
86) Perylene-d12	25.509	264	104705	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.885	112	27321	68.593	ng	0.00
7) Phenol-d6	7.495	99	20980	40.954	ng	0.00
23) Nitrobenzene-d5	9.540	82	49382	102.246	ng	0.00
42) 2,4,6-Tribromophenol	16.450	330	99408	143.599	ng	-0.01
45) 2-Fluorobiphenyl	13.606	172	185218	90.482	ng	0.00
79) Terphenyl-d14	20.286	244	382551	76.871	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.406	88	790	6.815	ng	# 1
19) n-Nitroso-di-n-propyla...	9.540	70	7650	20.834	ng	# 63
48) 2-Nitroaniline	13.600	65	57	2.987	ng	# 1
51) 2,6-Dinitrotoluene	14.975	165	3770	9.815	ng	# 25
57) 2,4-Dinitrotoluene	14.975	165	3770	6.502	ng	# 35
67) 4-Bromophenyl-phenylether	16.450	248	5675	4.767	ng	# 1
77) Benzidine	20.286	184	5651	3.658	ng	# 79

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

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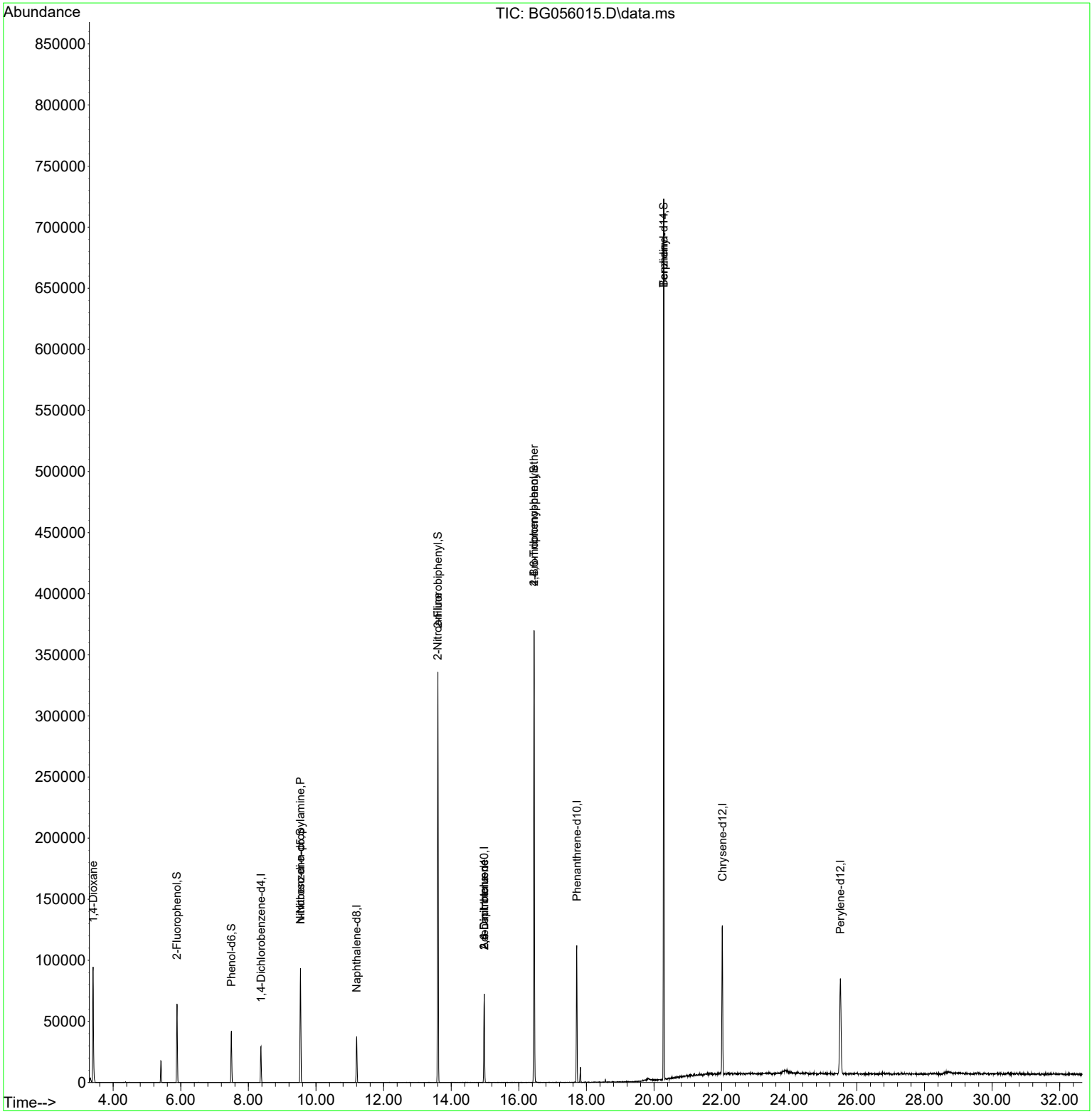
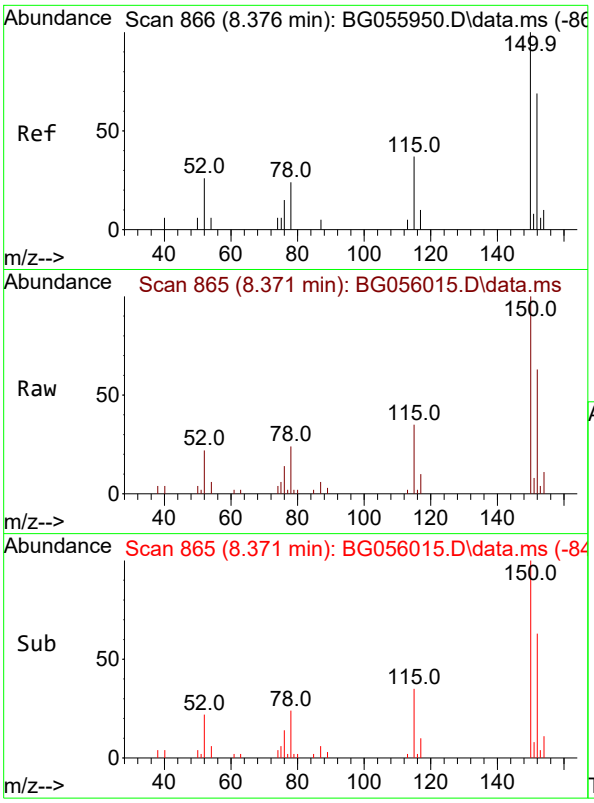


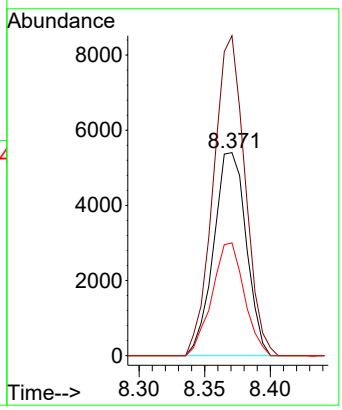


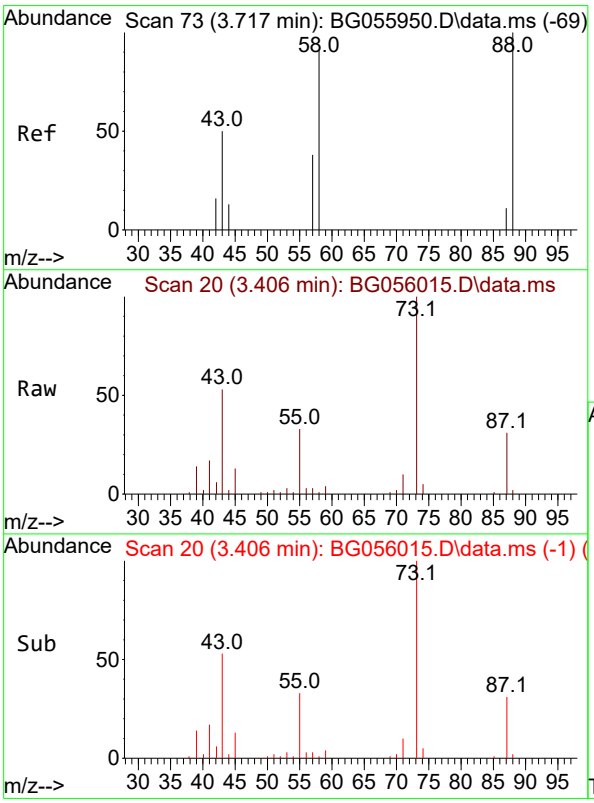
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.371 min Scan# 8
Delta R.T. 0.007 min
Lab File: BG056015.D
Acq: 19 Dec 2022 16:04

Instrument :
BNA_G
ClientSampleId :
EB-2022-12-12

Tgt Ion:152 Resp: 9341

Ion	Ratio	Lower	Upper
152	100		
150	157.7	115.7	173.5
115	55.6	43.0	64.4

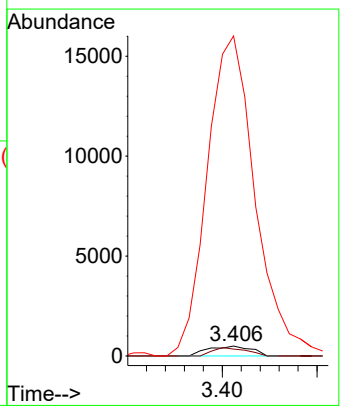


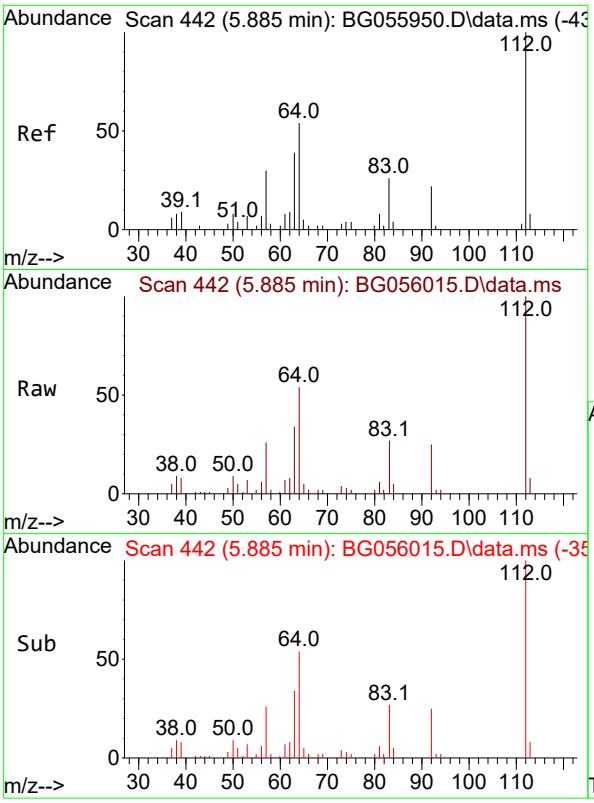


#2
1,4-Dioxane
Concen: 6.815 ng
RT: 3.406 min Scan# 20
Delta R.T. -0.305 min
Lab File: BG056015.D
Acq: 19 Dec 2022 16:04

Tgt Ion: 88 Resp: 790

Ion	Ratio	Lower	Upper
88	100		
58	64.6	67.0	100.4#
43	3599.7	45.7	68.5#



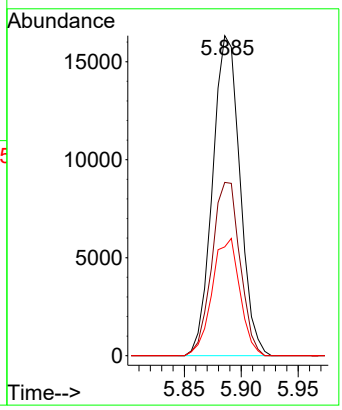


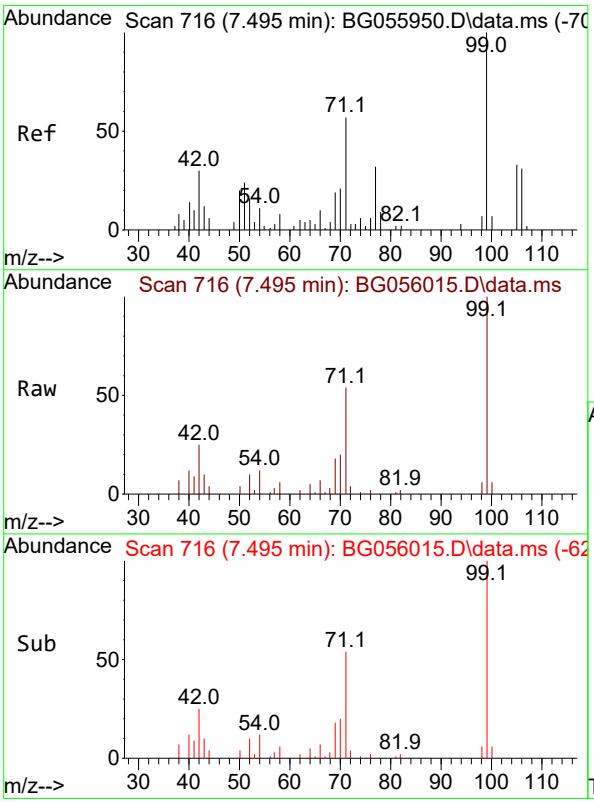
#5
2-Fluorophenol
Concen: 68.593 ng
RT: 5.885 min Scan# 44
Delta R.T. 0.001 min
Lab File: BG056015.D
Acq: 19 Dec 2022 16:04

Instrument :
BNA_G
ClientSampleId :
EB-2022-12-12

Tgt Ion:112 Resp: 27321

Ion	Ratio	Lower	Upper
112	100		
64	54.1	43.0	64.4
63	34.0	31.4	47.2

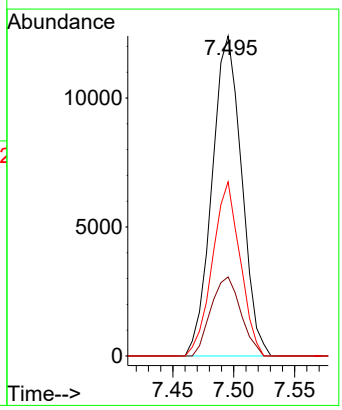


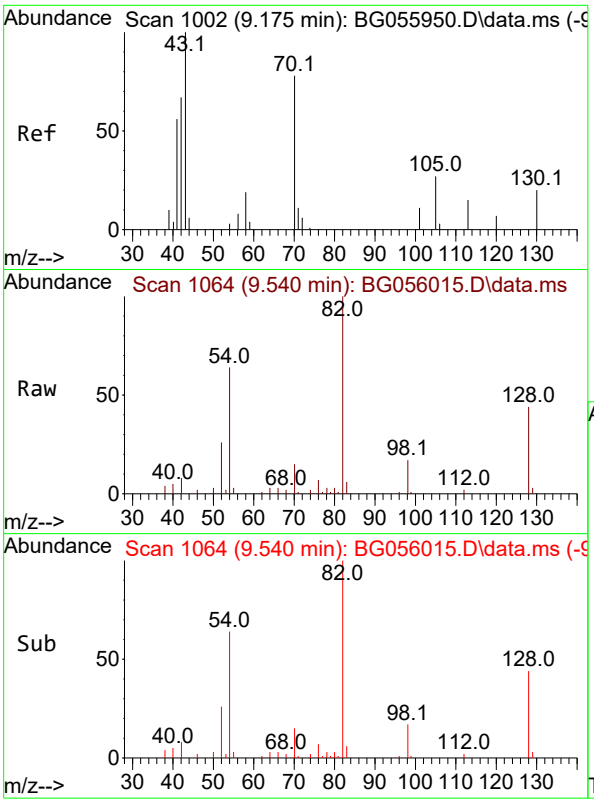


#7
Phenol-d6
Concen: 40.954 ng
RT: 7.495 min Scan# 716
Delta R.T. 0.001 min
Lab File: BG056015.D
Acq: 19 Dec 2022 16:04

Tgt Ion: 99 Resp: 20980

Ion	Ratio	Lower	Upper
99	100		
42	24.7	24.3	36.5
71	54.4	45.6	68.4



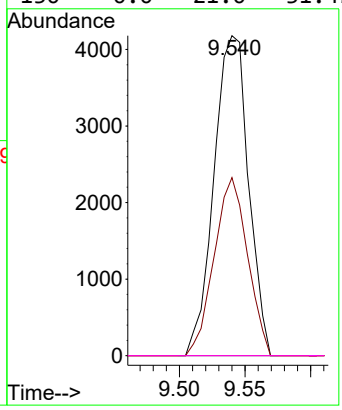


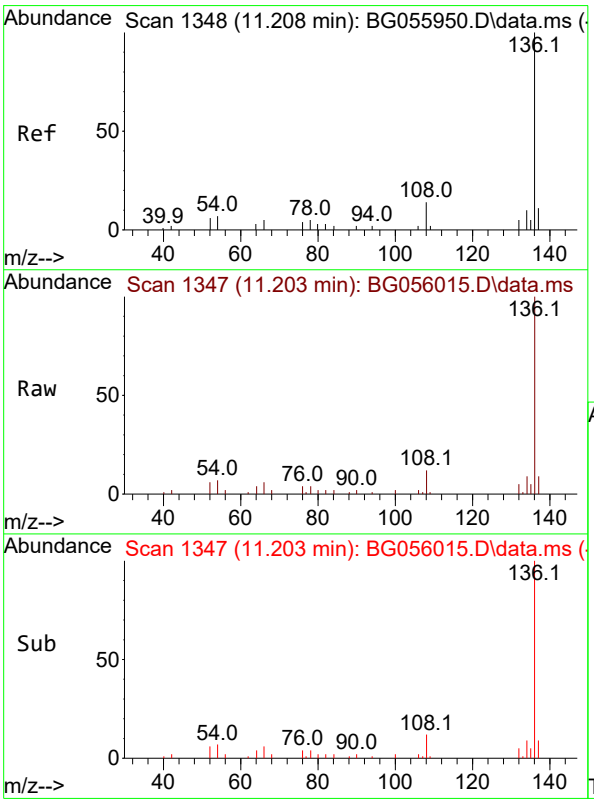
#19
n-Nitroso-di-n-propylamine
Concen: 20.834 ng
RT: 9.540 min Scan# 1
Delta R.T. 0.365 min
Lab File: BG056015.D
Acq: 19 Dec 2022 16:04

Instrument :
BNA_G
ClientSampleId :
EB-2022-12-12

Tgt Ion: 70 Resp: 7650

Ion	Ratio	Lower	Upper
70	100		
42	55.7	69.0	103.4#
101	0.0	11.8	17.8#
130	0.0	21.0	31.4#

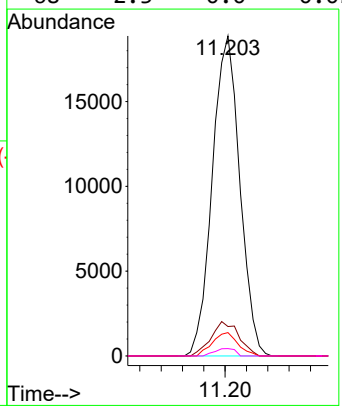


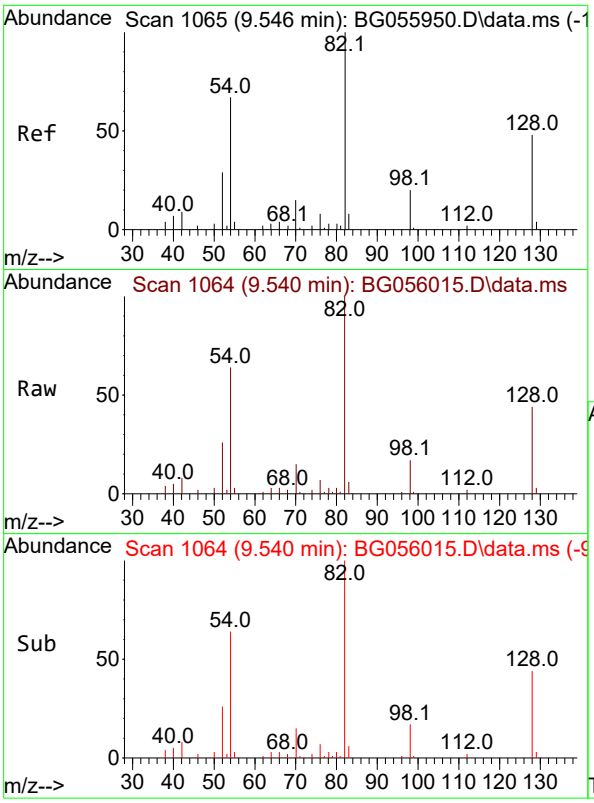


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.203 min Scan# 1347
Delta R.T. -0.005 min
Lab File: BG056015.D
Acq: 19 Dec 2022 16:04

Tgt Ion:136 Resp: 33751

Ion	Ratio	Lower	Upper
136	100		
137	9.2	9.2	13.8#
54	7.3	5.6	8.4
68	2.3	0.0	0.0#



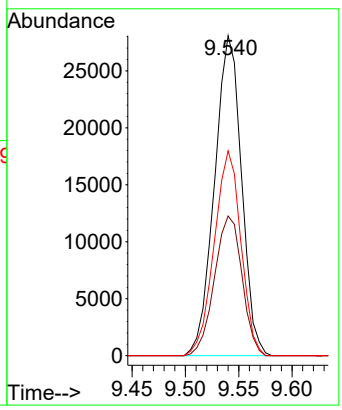


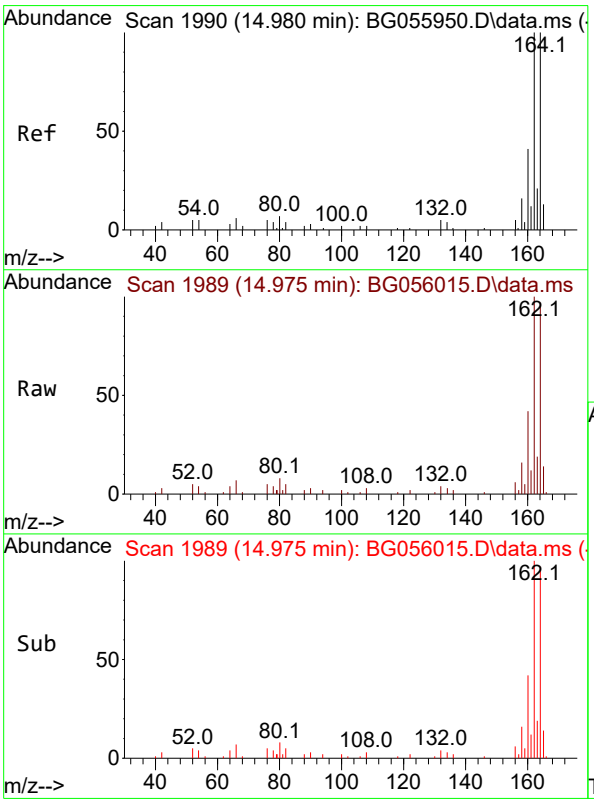
#23
Nitrobenzene-d5
Concen: 102.246 ng
RT: 9.540 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG056015.D
Acq: 19 Dec 2022 16:04

Instrument :
BNA_G
ClientSampleId :
EB-2022-12-12

Tgt Ion: 82 Resp: 49382

Ion	Ratio	Lower	Upper
82	100		
128	43.7	38.4	57.6
54	64.0	53.3	79.9

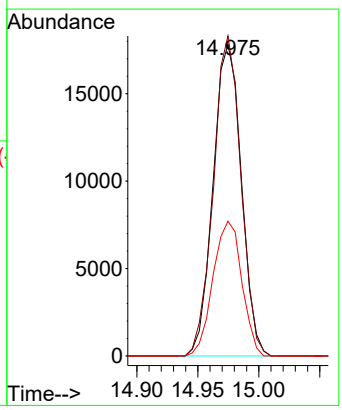


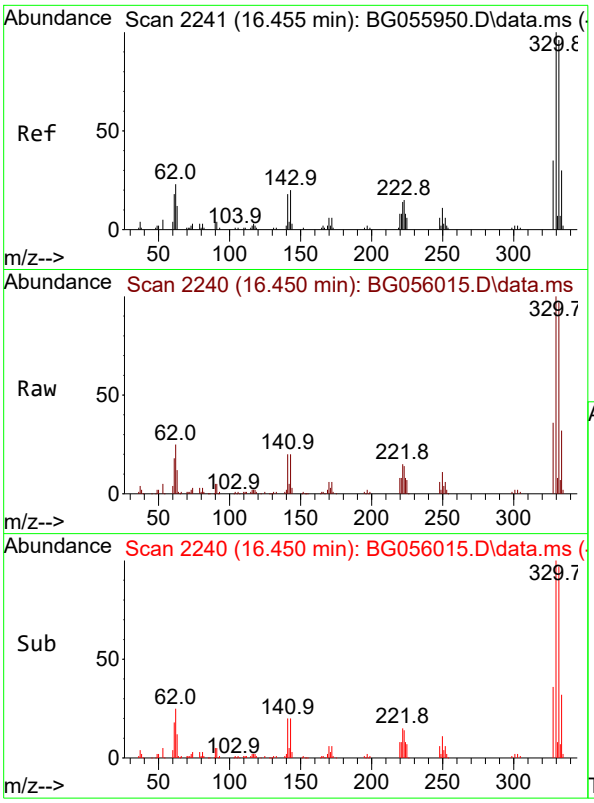


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.975 min Scan# 1989
Delta R.T. -0.005 min
Lab File: BG056015.D
Acq: 19 Dec 2022 16:04

Tgt Ion:164 Resp: 28709

Ion	Ratio	Lower	Upper
164	100		
162	102.6	79.8	119.8
160	43.2	33.0	49.4



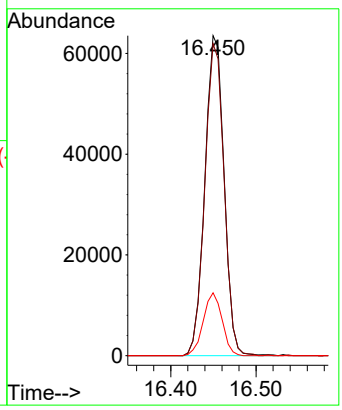


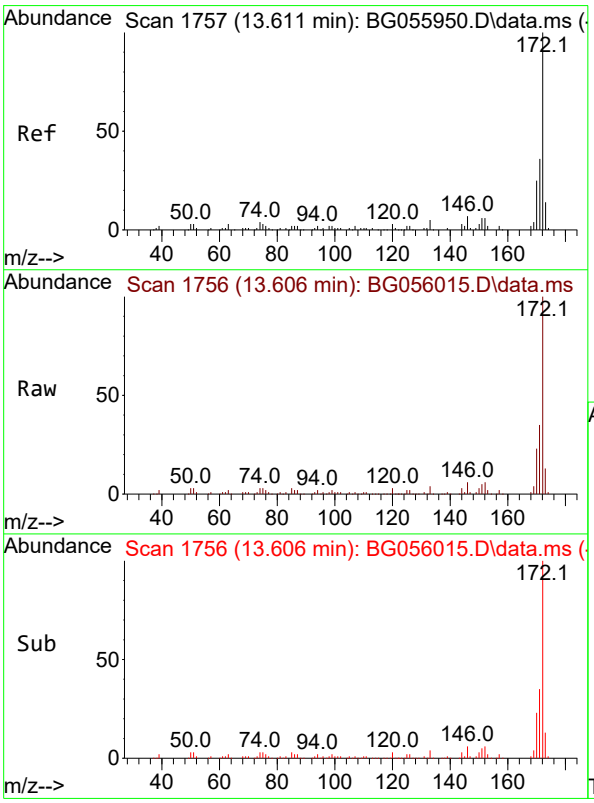
#42
2,4,6-Tribromophenol
Concen: 143.599 ng
RT: 16.450 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG056015.D
Acq: 19 Dec 2022 16:04

Instrument :
BNA_G
ClientSampleId :
EB-2022-12-12

Tgt Ion:330 Resp: 99408

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	19.2	15.0	22.4

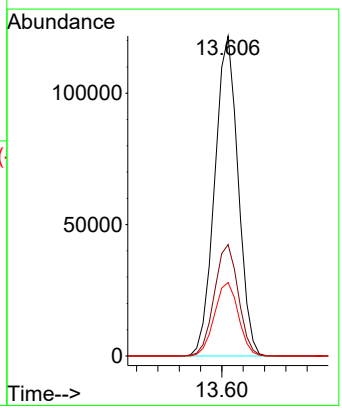


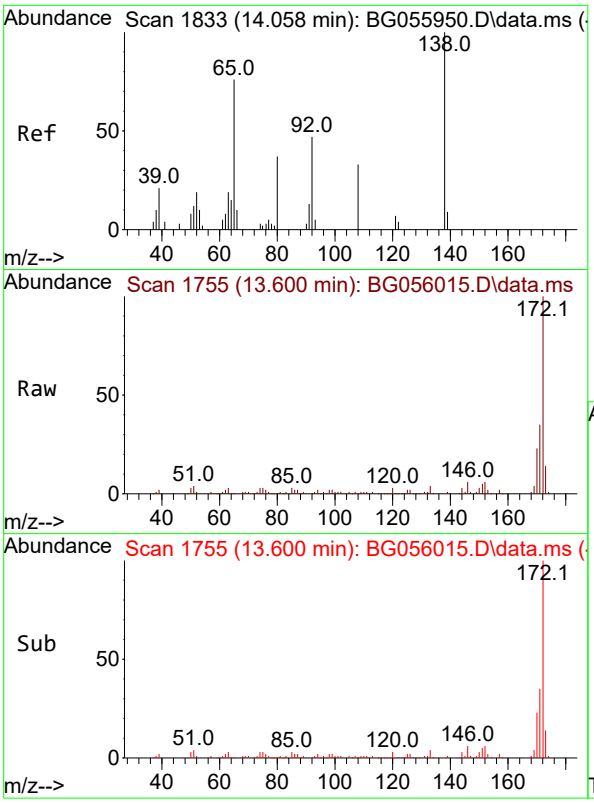


#45
2-Fluorobiphenyl
Concen: 90.482 ng
RT: 13.606 min Scan# 1756
Delta R.T. -0.005 min
Lab File: BG056015.D
Acq: 19 Dec 2022 16:04

Tgt Ion:172 Resp: 185218

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	42.8
170	23.0	19.9	29.9



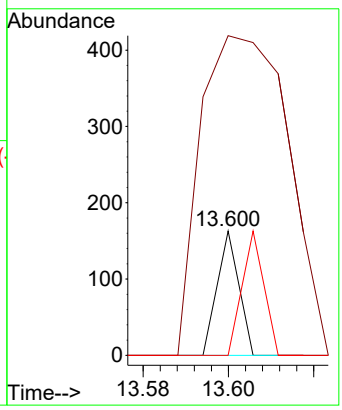


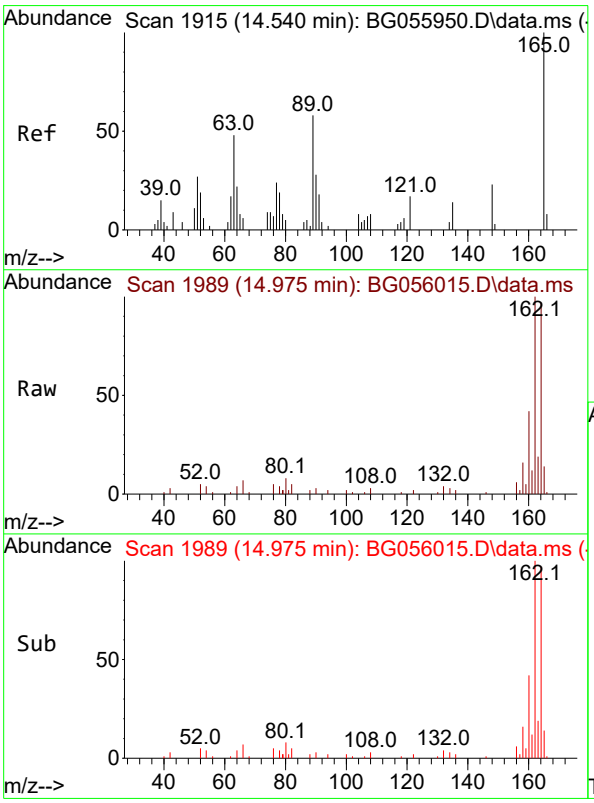
#48
2-Nitroaniline
Concen: 2.987 ng
RT: 13.600 min Scan# 1
Delta R.T. -0.457 min
Lab File: BG056015.D
Acq: 19 Dec 2022 16:04

Instrument :
BNA_G
ClientSampleId :
EB-2022-12-12

Tgt Ion: 65 Resp: 57

Ion	Ratio	Lower	Upper
65	100		
92	257.1	49.7	74.5#
138	0.0	105.0	157.6#

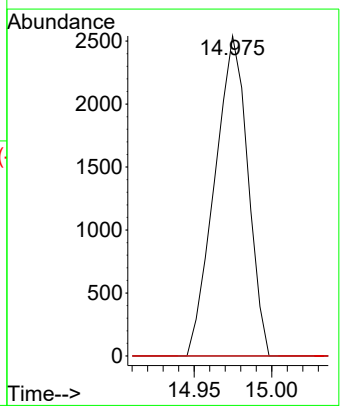


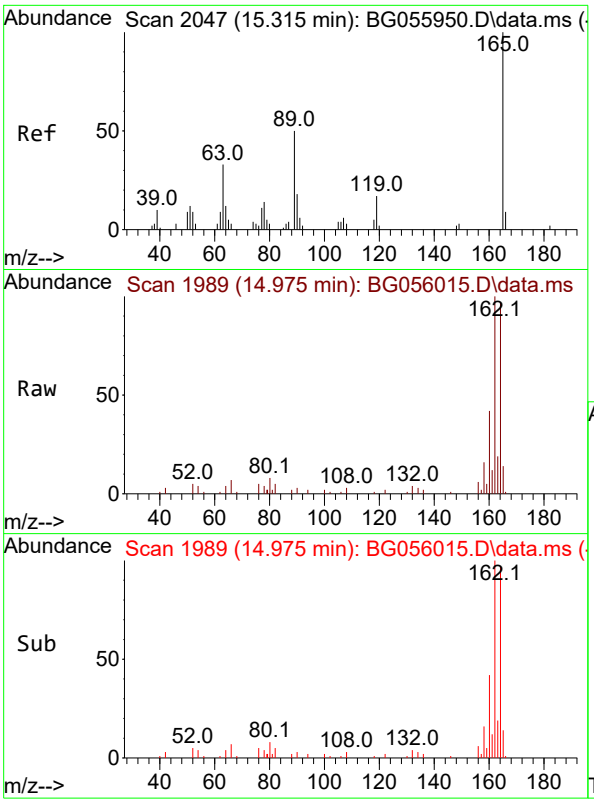


#51
2,6-Dinitrotoluene
Concen: 9.815 ng
RT: 14.975 min Scan# 1989
Delta R.T. 0.436 min
Lab File: BG056015.D
Acq: 19 Dec 2022 16:04

Tgt Ion:165 Resp: 3770

Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.3	57.5#
89	0.0	46.3	69.5#



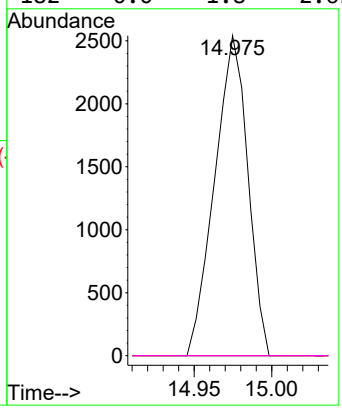


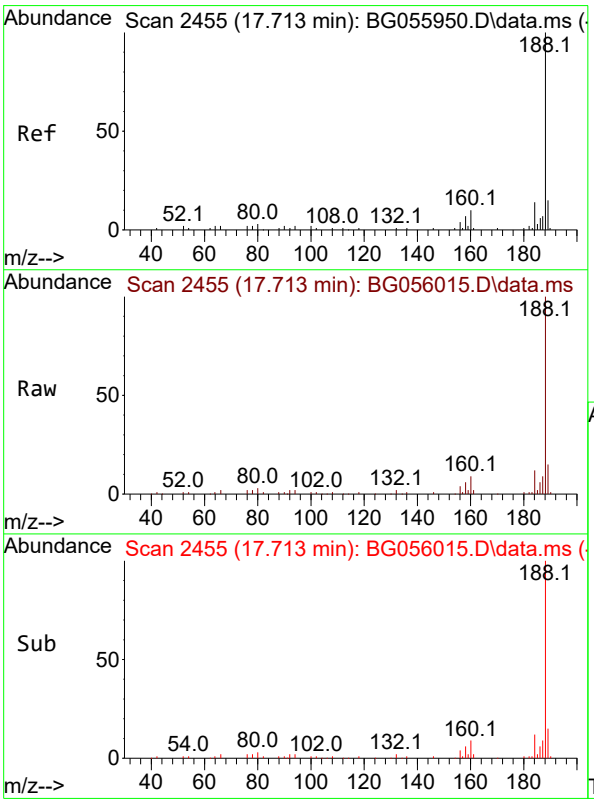
#57
2,4-Dinitrotoluene
Concen: 6.502 ng
RT: 14.975 min Scan# 1
Delta R.T. -0.346 min
Lab File: BG056015.D
Acq: 19 Dec 2022 16:04

Instrument :
BNA_G
ClientSampleId :
EB-2022-12-12

Tgt Ion:165 Resp: 3770

Ion	Ratio	Lower	Upper
165	100		
63	0.0	26.6	39.8#
89	0.0	40.1	60.1#
182	0.0	1.8	2.6#

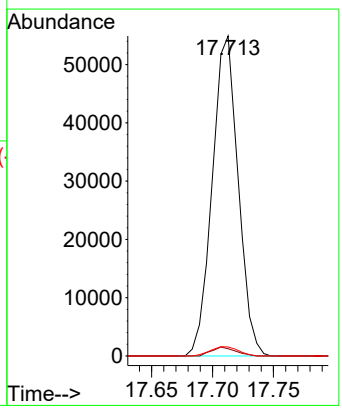


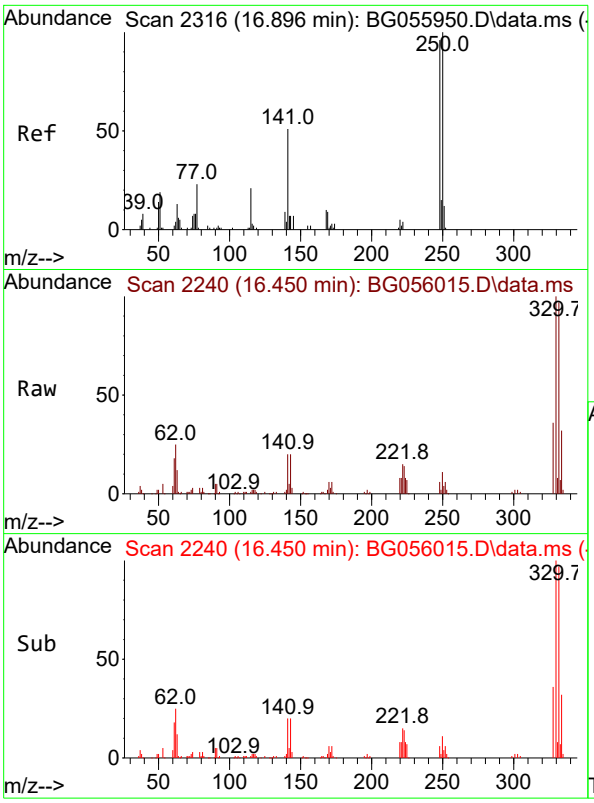


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.713 min Scan# 2455
Delta R.T. -0.005 min
Lab File: BG056015.D
Acq: 19 Dec 2022 16:04

Tgt Ion:188 Resp: 81246

Ion	Ratio	Lower	Upper
188	100		
94	2.3	1.8	2.8
80	2.8	2.4	3.6



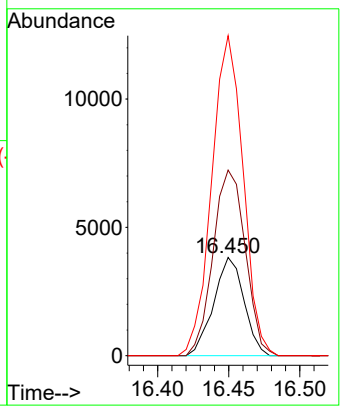


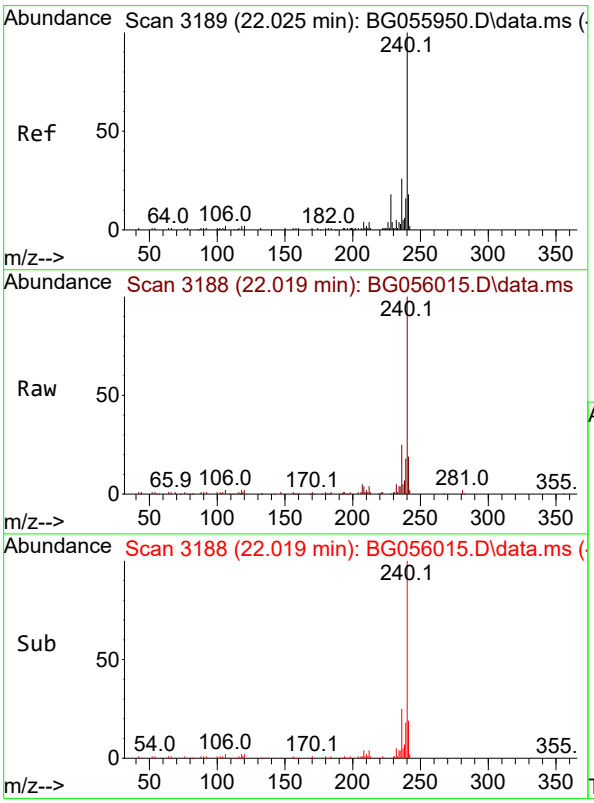
#67
4-Bromophenyl-phenylether
Concen: 4.767 ng
RT: 16.450 min Scan# 2
Delta R.T. -0.446 min
Lab File: BG056015.D
Acq: 19 Dec 2022 16:04

Instrument :
BNA_G
ClientSampleId :
EB-2022-12-12

Tgt Ion:248 Resp: 5675

Ion	Ratio	Lower	Upper
248	100		
250	189.1	83.0	124.6#
141	326.0	42.6	64.0#

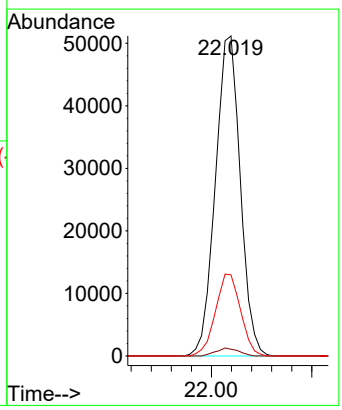


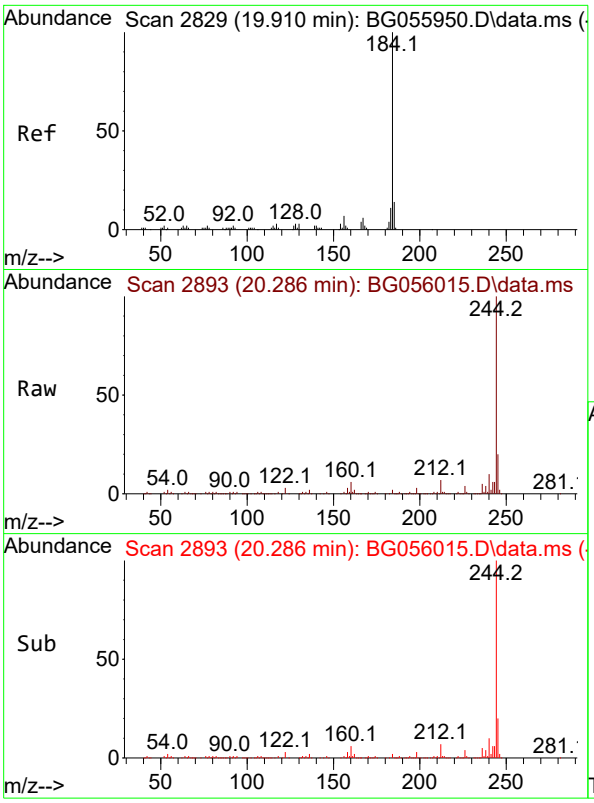


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.019 min Scan# 3188
Delta R.T. -0.011 min
Lab File: BG056015.D
Acq: 19 Dec 2022 16:04

Tgt Ion:240 Resp: 87955

Ion	Ratio	Lower	Upper
240	100		
120	2.1	1.7	2.5
236	25.3	21.1	31.7



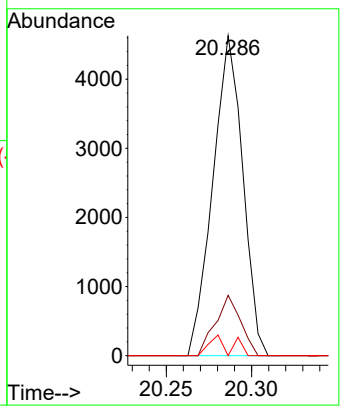


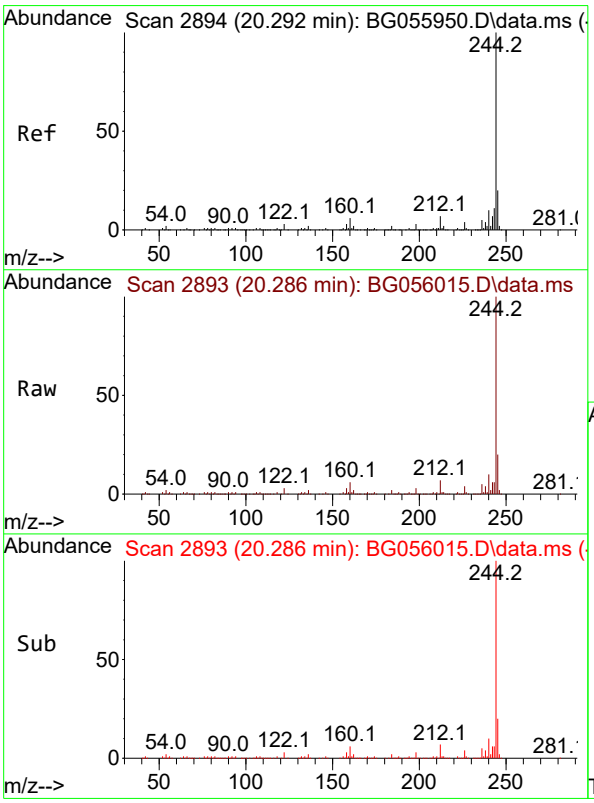
#77
Benzidine
Concen: 3.658 ng
RT: 20.286 min Scan# 2
Delta R.T. 0.371 min
Lab File: BG056015.D
Acq: 19 Dec 2022 16:04

Instrument :
BNA_G
ClientSampleId :
EB-2022-12-12

Tgt Ion:184 Resp: 5651

Ion	Ratio	Lower	Upper
184	100		
185	18.8	10.9	16.3#
183	0.0	9.2	13.8#

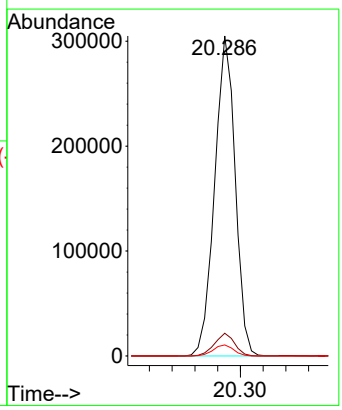


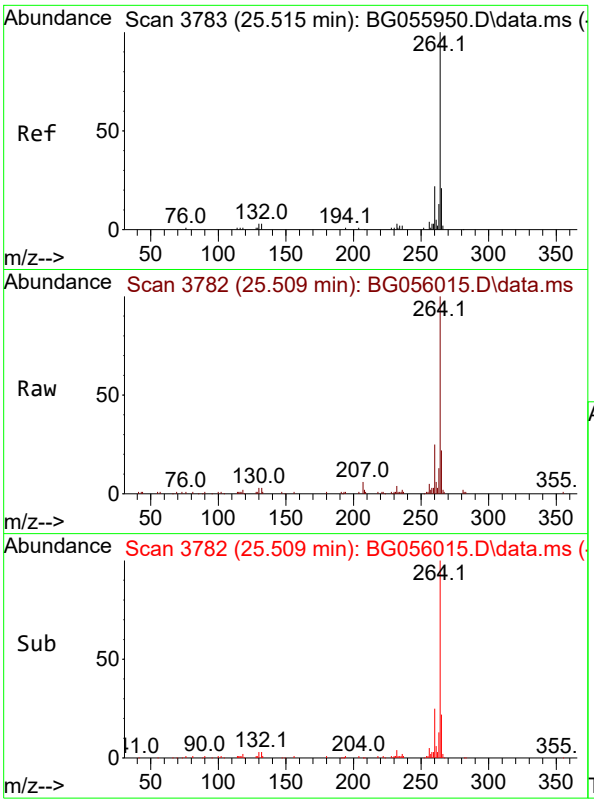


#79
Terphenyl-d14
Concen: 76.871 ng
RT: 20.286 min Scan# 2893
Delta R.T. -0.005 min
Lab File: BG056015.D
Acq: 19 Dec 2022 16:04

Tgt Ion:244 Resp: 382551

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	3.4	2.5	3.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.509 min Scan# 3
Delta R.T. -0.017 min
Lab File: BG056015.D
Acq: 19 Dec 2022 16:04

Instrument :
BNA_G
ClientSampleId :
EB-2022-12-12

Tgt Ion:264 Resp: 104705

Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.8	26.8
265	21.8	16.6	25.0