Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121422\
Data File : BG055967.D
Acq On : 14 Dec 2022 20:09
Operator : CG/JU
Sample : N6024-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-Q

Quant Time: Dec 15 00:52:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 02:24:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.368	152	6430	20.000	ng	0.00
21) Naphthalene-d8	11.205	136	25013	20.000	ng	# 0.00
39) Acenaphthene-d10	14.977	164	22554	20.000	ng	0.00
64) Phenanthrene-d10	17.715	188	57133	20.000	ng	0.00
76) Chrysene-d12	22.016	240	60367	20.000	ng	0.00
86) Perylene-d12	25.512	264	74015	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.888	112	60048	219.010	ng	0.00
7) Phenol-d6	7.498	99	76042	215.641	ng	0.00
23) Nitrobenzene-d5	9.543	82	47726	133.338	ng	0.00
42) 2,4,6-Tribromophenol	16.452	330	112672	207.177	ng	0.00
45) 2-Fluorobiphenyl	13.608	172	195911	121.824	ng	0.00
79) Terphenyl-d14	20.289	244	446458	130.711	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.543	70	7290	28.841	ng	# 67
48) 2-Nitroaniline	13.614	65	132	3.322	ng	# 1
51) 2,6-Dinitrotoluene	14.977	165	2909	9.640	ng	# 25
57) 2,4-Dinitrotoluene	14.977	165	2909	6.387	ng	# 35
63) Azobenzene	16.311	77	11427	9.851	ng	# 12
67) 4-Bromophenyl-phenylether	16.452	248	6411	7.658	ng	# 1
77) Benzidine	20.289	184	7060	6.659	ng	# 86

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

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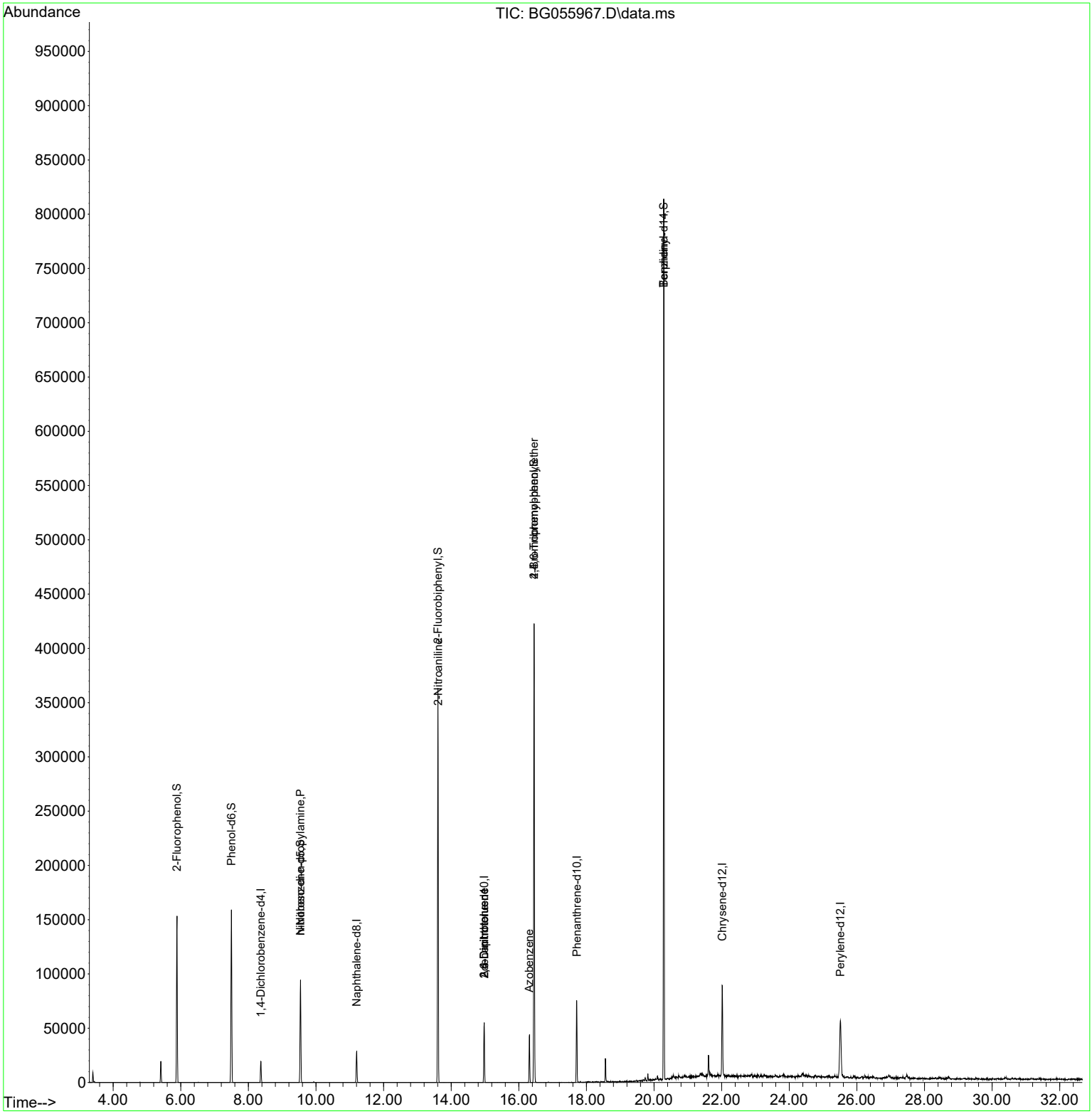
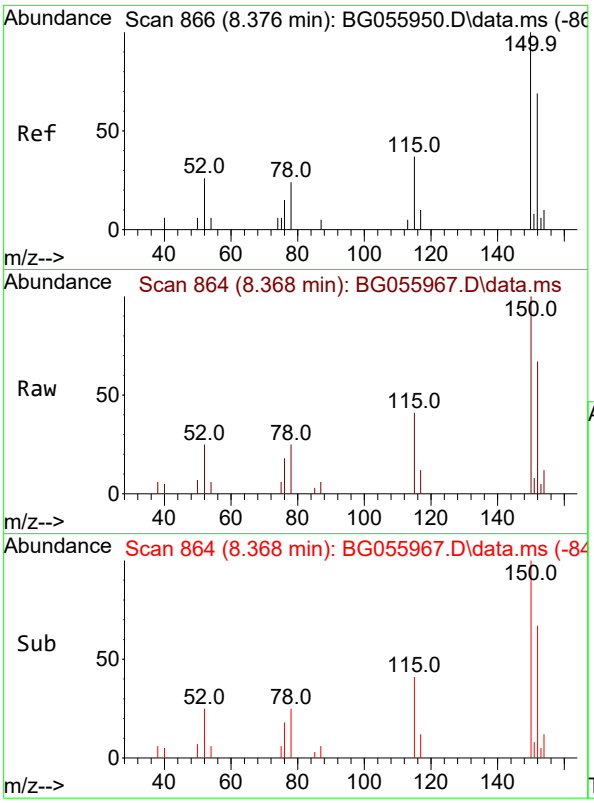


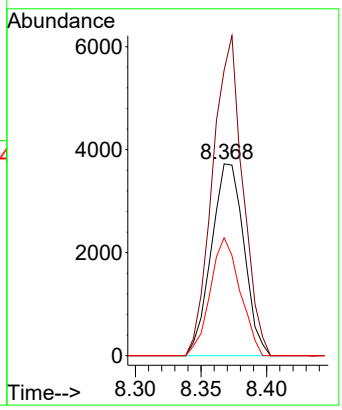


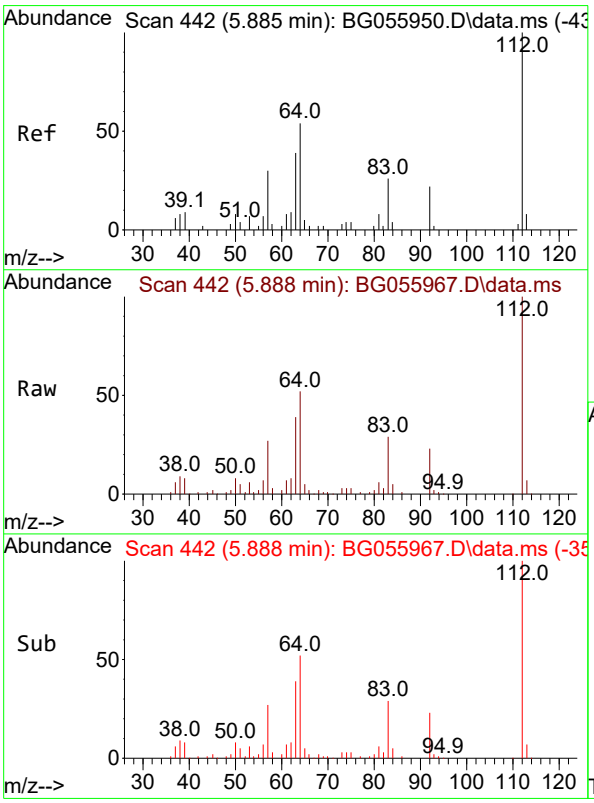
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.368 min Scan# 8
Delta R.T. -0.008 min
Lab File: BG055967.D
Acq: 14 Dec 2022 20:09

Instrument :
BNA_G
ClientSampleId :
TP-Q

Tgt Ion:152 Resp: 6430

Ion	Ratio	Lower	Upper
152	100		
150	148.8	115.7	173.5
115	61.5	43.0	64.4

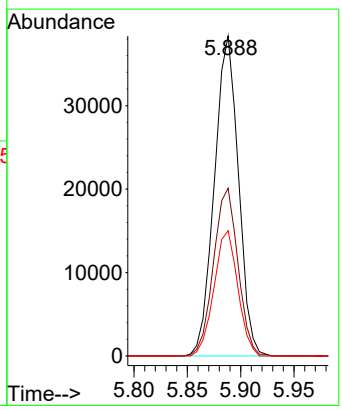


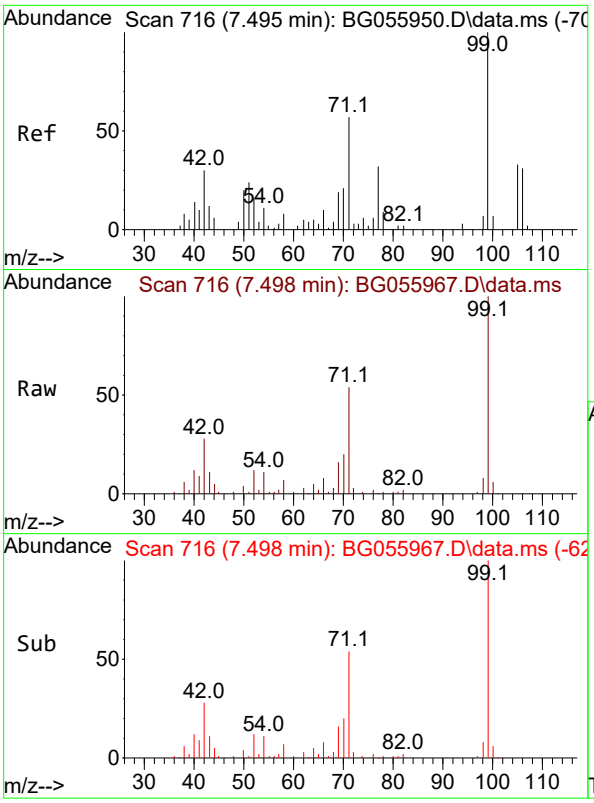


#5
2-Fluorophenol
Concen: 219.010 ng
RT: 5.888 min Scan# 442
Delta R.T. 0.003 min
Lab File: BG055967.D
Acq: 14 Dec 2022 20:09

Tgt Ion:112 Resp: 60048

Ion	Ratio	Lower	Upper
112	100		
64	52.4	43.0	64.4
63	39.1	31.4	47.2



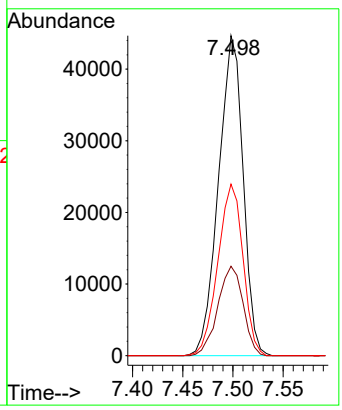


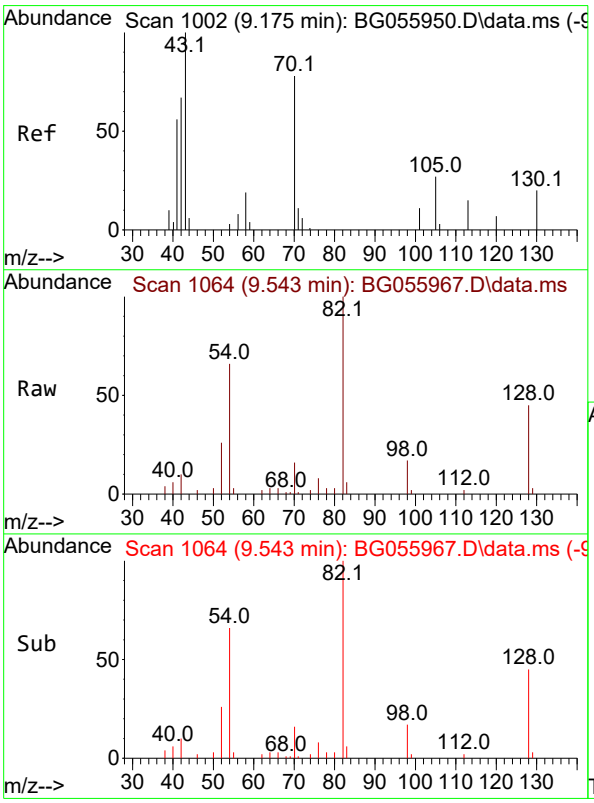
#7
Phenol-d6
Concen: 215.641 ng
RT: 7.498 min Scan# 7
Delta R.T. 0.003 min
Lab File: BG055967.D
Acq: 14 Dec 2022 20:09

Instrument :
BNA_G
ClientSampleId :
TP-Q

Tgt Ion: 99 Resp: 76042

Ion	Ratio	Lower	Upper
99	100		
42	27.9	24.3	36.5
71	53.6	45.6	68.4

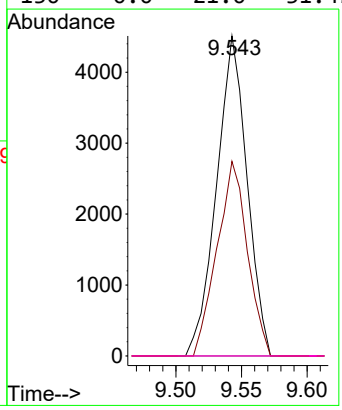


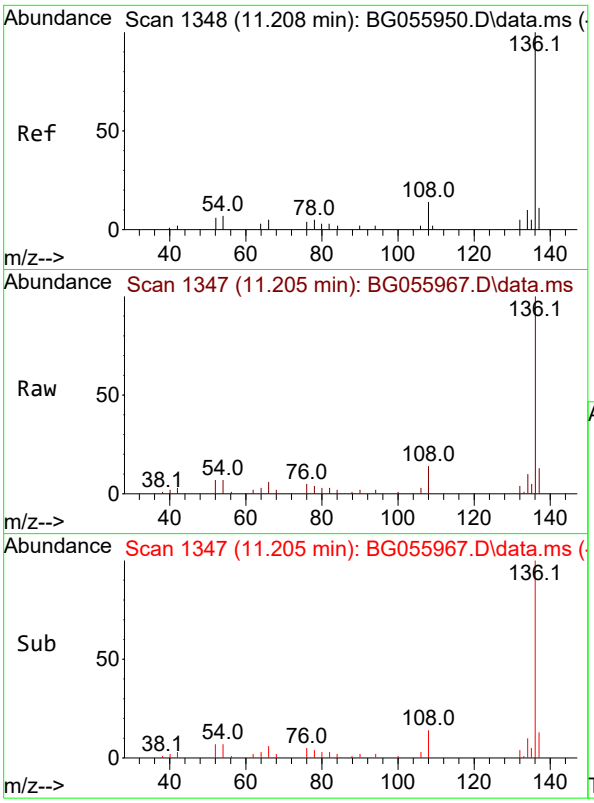


#19
n-Nitroso-di-n-propylamine
Concen: 28.841 ng
RT: 9.543 min Scan# 1064
Delta R.T. 0.367 min
Lab File: BG055967.D
Acq: 14 Dec 2022 20:09

Tgt Ion: 70 Resp: 7290

Ion	Ratio	Lower	Upper
70	100		
42	60.8	69.0	103.4#
101	0.0	11.8	17.8#
130	0.0	21.0	31.4#



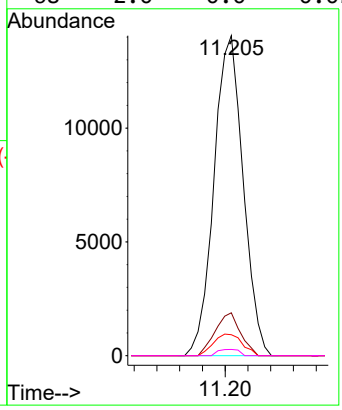


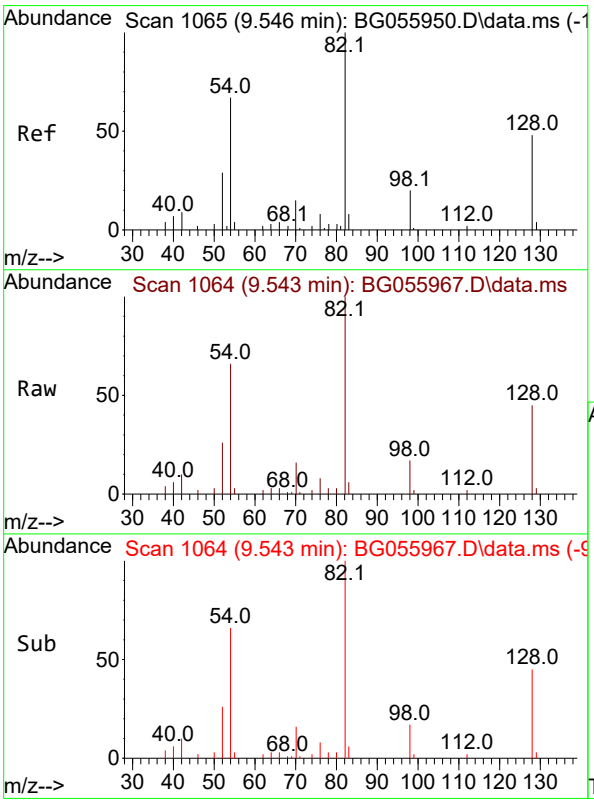
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.205 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055967.D
Acq: 14 Dec 2022 20:09

Instrument :
BNA_G
ClientSampleId :
TP-Q

Tgt Ion:136 Resp: 25013

Ion	Ratio	Lower	Upper
136	100		
137	13.4	9.2	13.8
54	6.5	5.6	8.4
68	2.0	0.0	0.0#

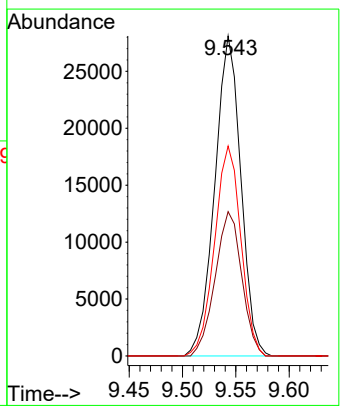


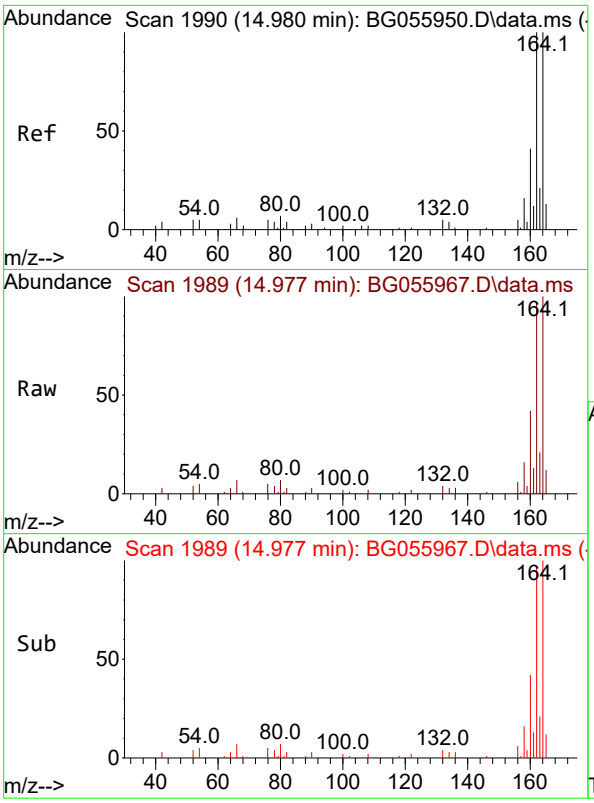


#23
Nitrobenzene-d5
Concen: 133.338 ng
RT: 9.543 min Scan# 1064
Delta R.T. -0.003 min
Lab File: BG055967.D
Acq: 14 Dec 2022 20:09

Tgt Ion: 82 Resp: 47726

Ion	Ratio	Lower	Upper
82	100		
128	45.1	38.4	57.6
54	65.6	53.3	79.9



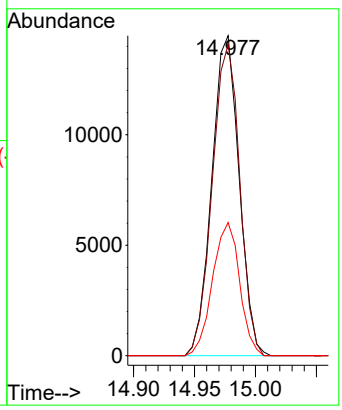


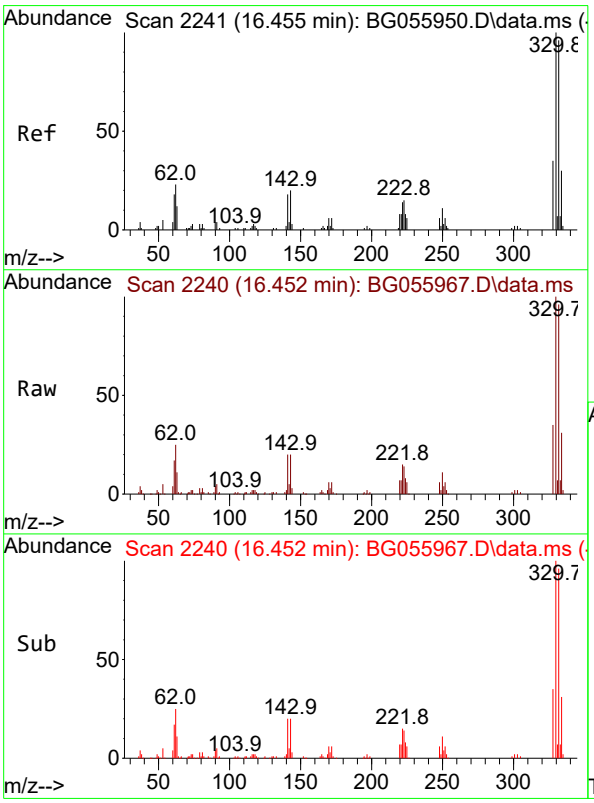
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.977 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055967.D
Acq: 14 Dec 2022 20:09

Instrument :
BNA_G
ClientSampleId :
TP-Q

Tgt Ion:164 Resp: 22554

Ion	Ratio	Lower	Upper
164	100		
162	97.3	79.8	119.8
160	41.6	33.0	49.4

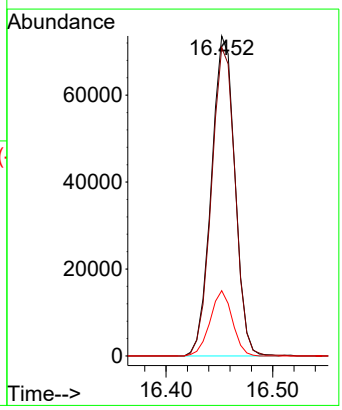


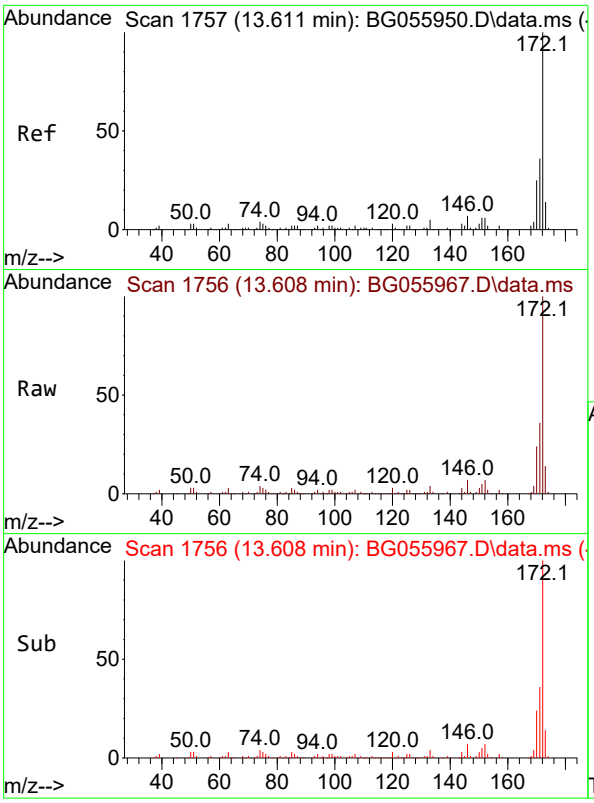


#42
2,4,6-Tribromophenol
Concen: 207.177 ng
RT: 16.452 min Scan# 2240
Delta R.T. -0.003 min
Lab File: BG055967.D
Acq: 14 Dec 2022 20:09

Tgt Ion:330 Resp: 112672

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	19.3	15.0	22.4



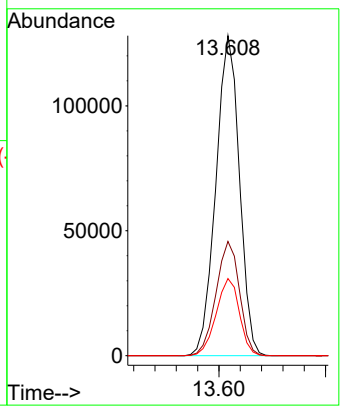


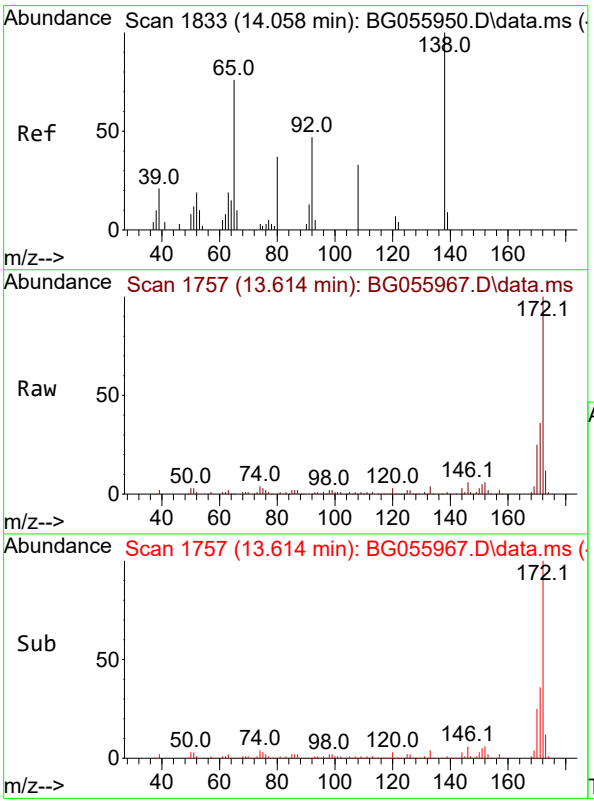
#45
2-Fluorobiphenyl
Concen: 121.824 ng
RT: 13.608 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG055967.D
Acq: 14 Dec 2022 20:09

Instrument :
BNA_G
ClientSampleId :
TP-Q

Tgt Ion:172 Resp: 195911

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	24.1	19.9	29.9

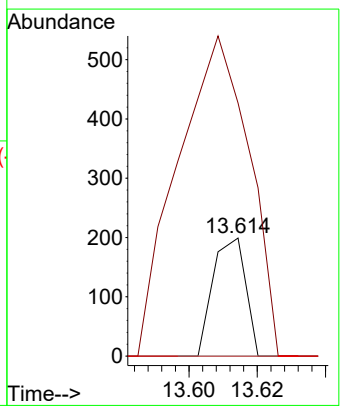


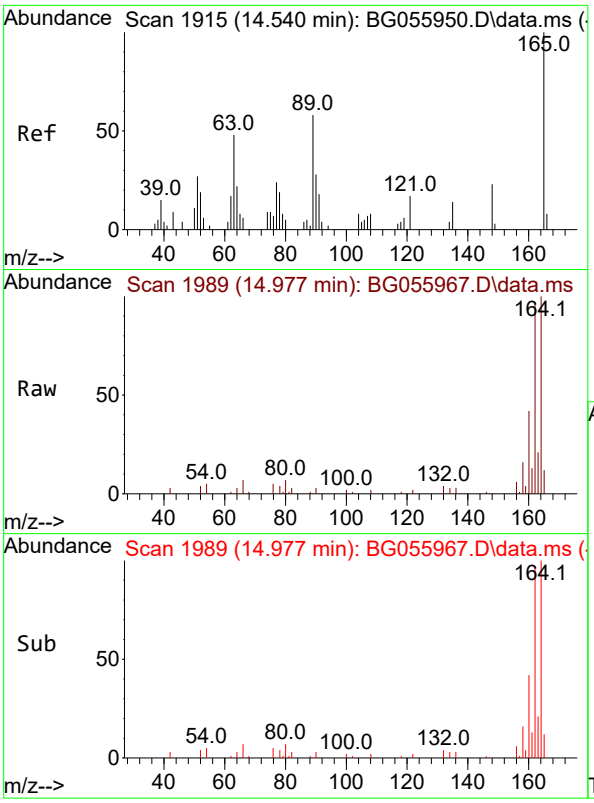


#48
2-Nitroaniline
Concen: 3.322 ng
RT: 13.614 min Scan# 1757
Delta R.T. -0.444 min
Lab File: BG055967.D
Acq: 14 Dec 2022 20:09

Tgt Ion: 65 Resp: 132

Ion	Ratio	Lower	Upper
65	100		
92	214.6	49.7	74.5#
138	0.0	105.0	157.6#



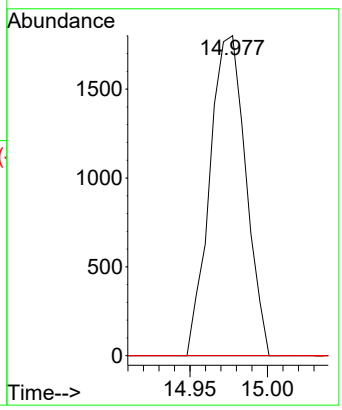


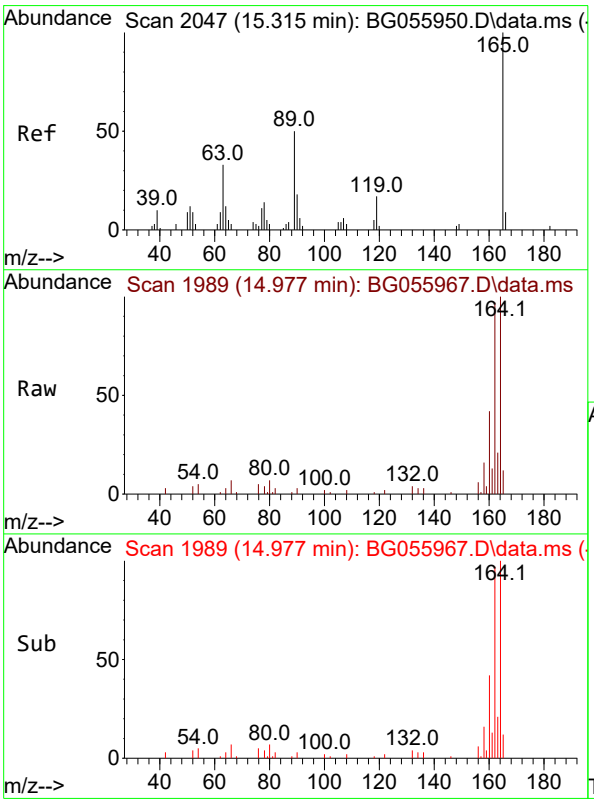
#51
2,6-Dinitrotoluene
Concen: 9.640 ng
RT: 14.977 min Scan# 1
Delta R.T. 0.437 min
Lab File: BG055967.D
Acq: 14 Dec 2022 20:09

Instrument :
BNA_G
ClientSampleId :
TP-Q

Tgt Ion:165 Resp: 2909

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

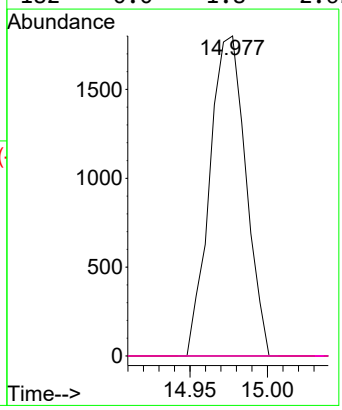


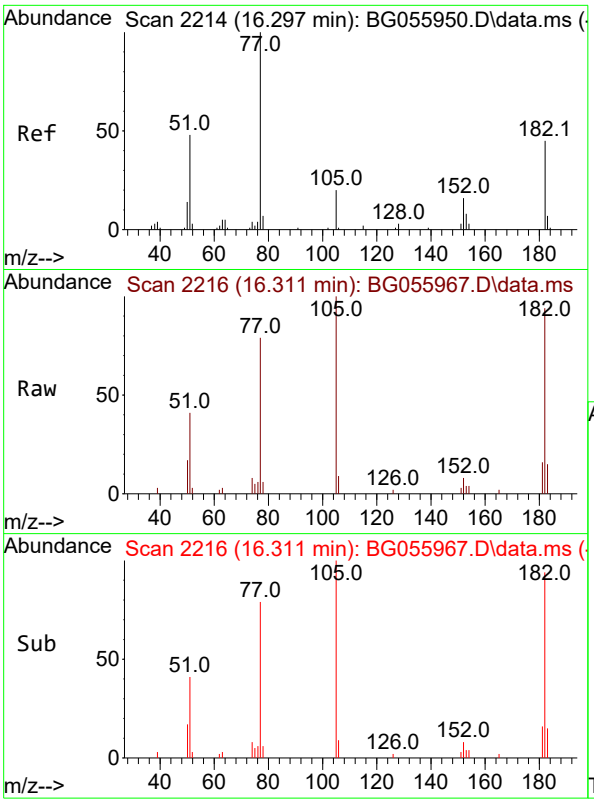


#57
2,4-Dinitrotoluene
Concen: 6.387 ng
RT: 14.977 min Scan# 1989
Delta R.T. -0.338 min
Lab File: BG055967.D
Acq: 14 Dec 2022 20:09

Tgt Ion:165 Resp: 2909

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#



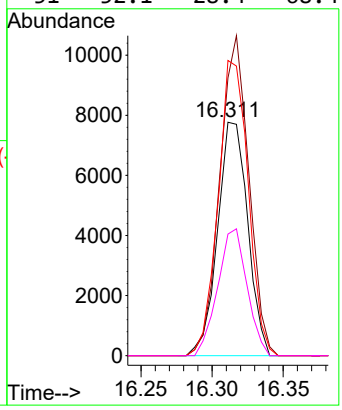


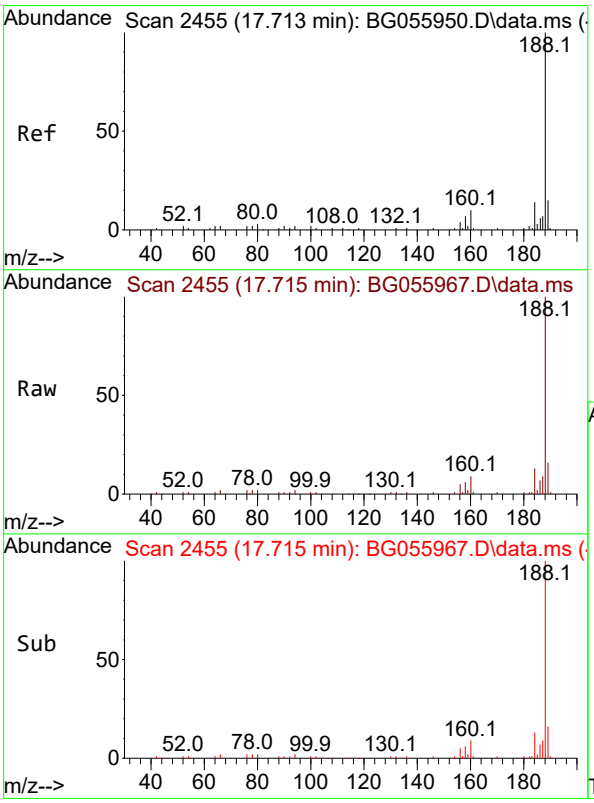
#63
Azobenzene
Concen: 9.851 ng
RT: 16.311 min Scan# 2
Delta R.T. 0.015 min
Lab File: BG055967.D
Acq: 14 Dec 2022 20:09

Instrument :
BNA_G
ClientSampleId :
TP-Q

Tgt Ion: 77 Resp: 11427

Ion	Ratio	Lower	Upper
77	100		
182	119.0	24.7	64.7#
105	126.5	0.3	40.3#
51	52.1	28.4	68.4

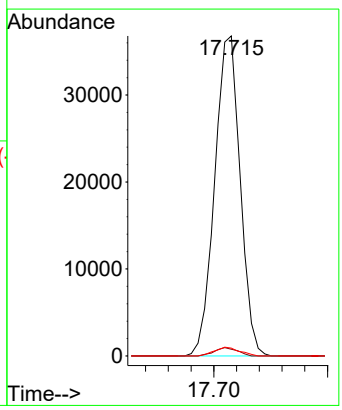


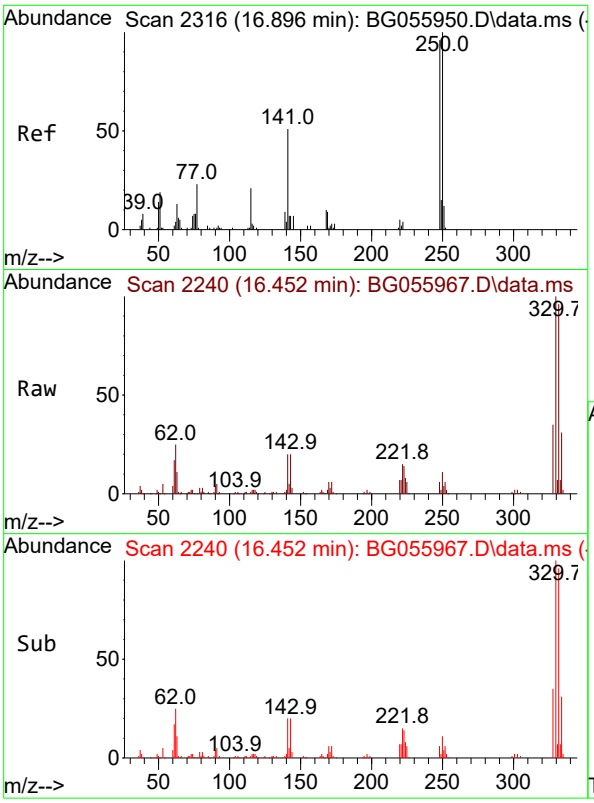


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.715 min Scan# 2455
Delta R.T. 0.003 min
Lab File: BG055967.D
Acq: 14 Dec 2022 20:09

Tgt Ion:188 Resp: 57133

Ion	Ratio	Lower	Upper
188	100		
94	2.1	1.8	2.8
80	2.4	2.4	3.6



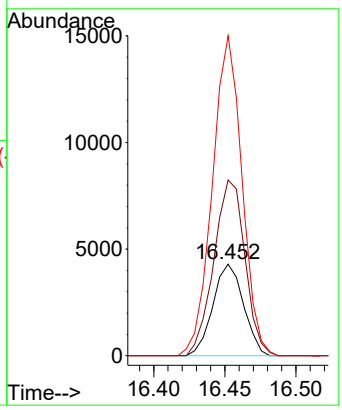


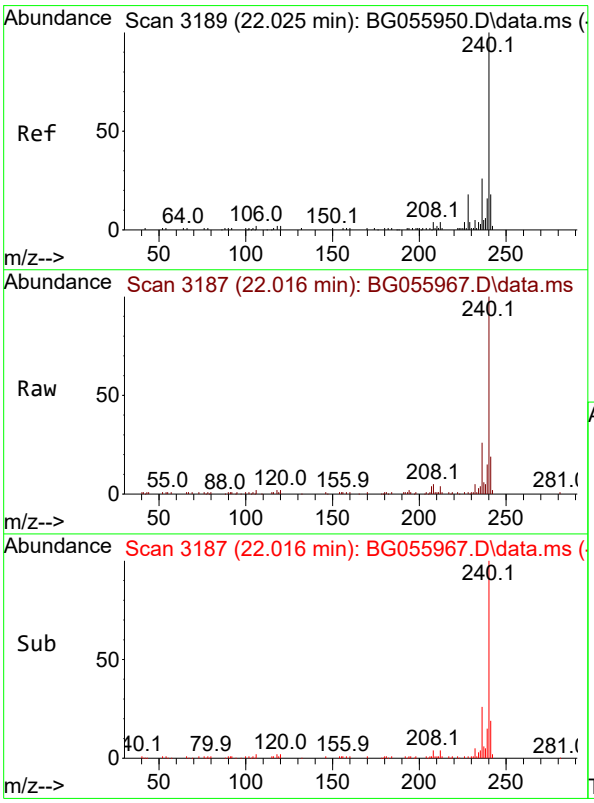
#67
4-Bromophenyl-phenylether
Concen: 7.658 ng
RT: 16.452 min Scan# 2
Delta R.T. -0.444 min
Lab File: BG055967.D
Acq: 14 Dec 2022 20:09

Instrument :
BNA_G
ClientSampleId :
TP-Q

Tgt Ion:248 Resp: 6411

Ion	Ratio	Lower	Upper
248	100		
250	192.0	83.0	124.6#
141	349.6	42.6	64.0#

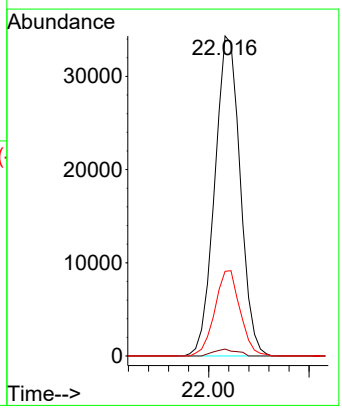


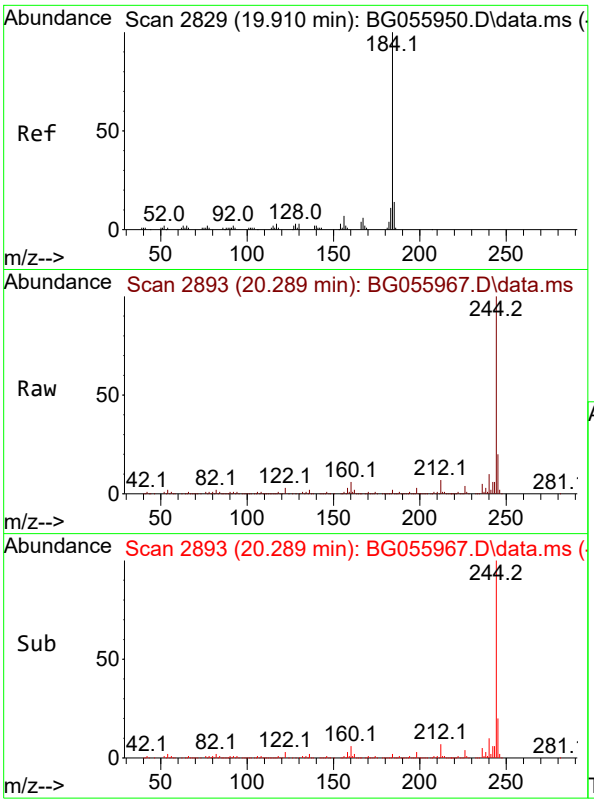


#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.016 min Scan# 3187
Delta R.T. -0.009 min
Lab File: BG055967.D
Acq: 14 Dec 2022 20:09

Tgt Ion:240 Resp: 60367

Ion	Ratio	Lower	Upper
240	100		
120	2.1	1.7	2.5
236	26.4	21.1	31.7



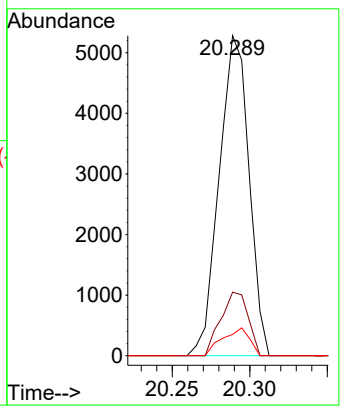


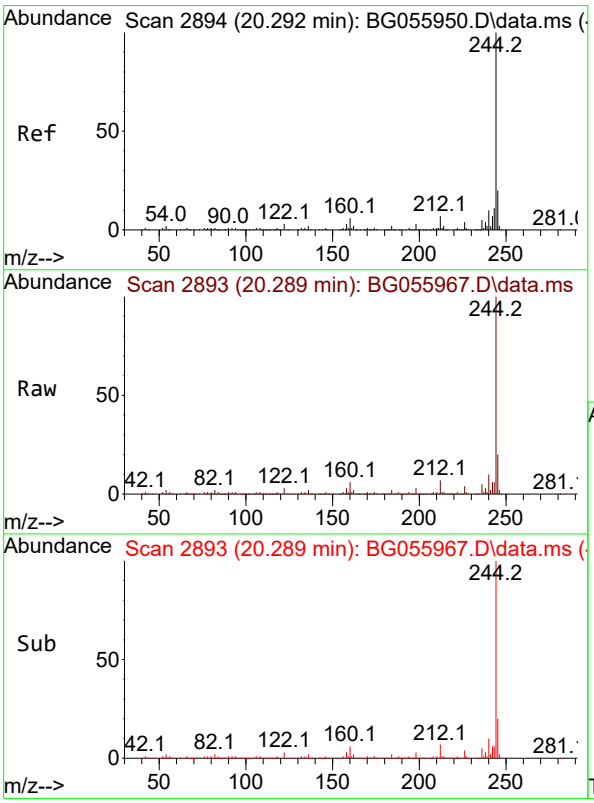
#77
Benzidine
Concen: 6.659 ng
RT: 20.289 min Scan# 2
Delta R.T. 0.379 min
Lab File: BG055967.D
Acq: 14 Dec 2022 20:09

Instrument :
BNA_G
ClientSampleId :
TP-Q

Tgt Ion:184 Resp: 7060

Ion	Ratio	Lower	Upper
184	100		
185	19.8	10.9	16.3#
183	6.6	9.2	13.8#

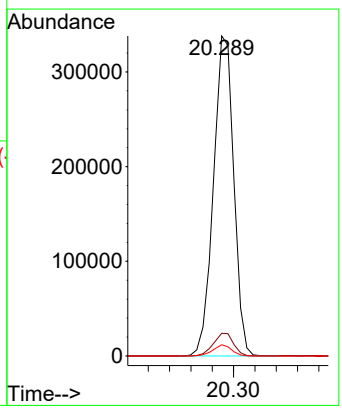


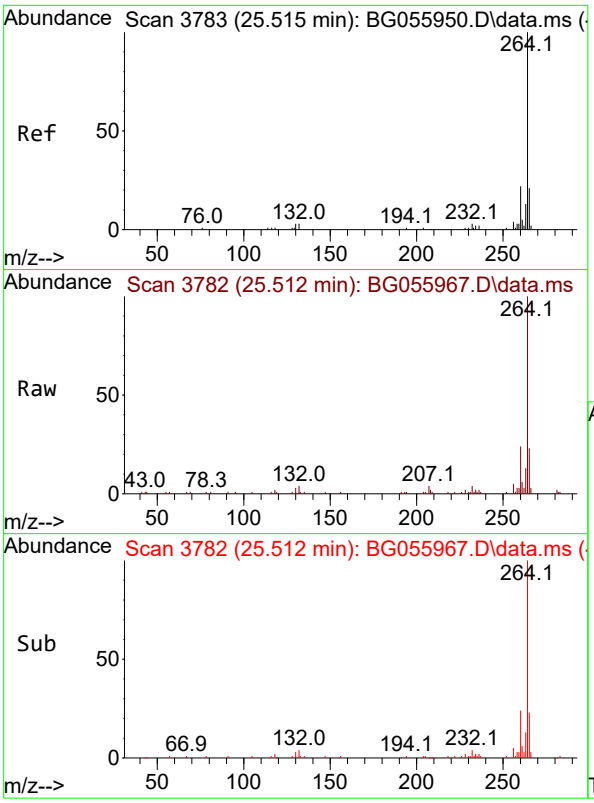


#79
Terphenyl-d14
Concen: 130.711 ng
RT: 20.289 min Scan# 2893
Delta R.T. -0.003 min
Lab File: BG055967.D
Acq: 14 Dec 2022 20:09

Tgt Ion:244 Resp: 446458

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	3.5	2.5	3.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.512 min Scan# 3
Delta R.T. -0.003 min
Lab File: BG055967.D
Acq: 14 Dec 2022 20:09

Instrument :
BNA_G
ClientSampleId :
TP-Q

Tgt Ion:264 Resp: 74015

Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.8	26.8
265	23.5	16.6	25.0