Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122922\
Data File : BG056151.D
Acq On : 29 Dec 2022 12:40
Operator : CG/JU
Sample : PB149922TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB149922TB

Quant Time: Dec 30 04:04:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 05:20:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	36878	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	132009	20.000	ng	# 0.00
39) Acenaphthene-d10	14.945	164	110988	20.000	ng	0.00
64) Phenanthrene-d10	17.677	188	324180	20.000	ng	0.00
76) Chrysene-d12	21.972	240	448121	20.000	ng	# 0.00
86) Perylene-d12	25.427	264	442776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.856	112	294252	142.466	ng	0.00
7) Phenol-d6	7.466	99	408075	128.653	ng	0.00
23) Nitrobenzene-d5	9.510	82	212122	82.194	ng	0.00
42) 2,4,6-Tribromophenol	16.420	330	182517	129.846	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	665595	82.812	ng	0.00
79) Terphenyl-d14	20.256	244	1936061	77.381	ng	0.00
Target Compounds						Qvalue

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

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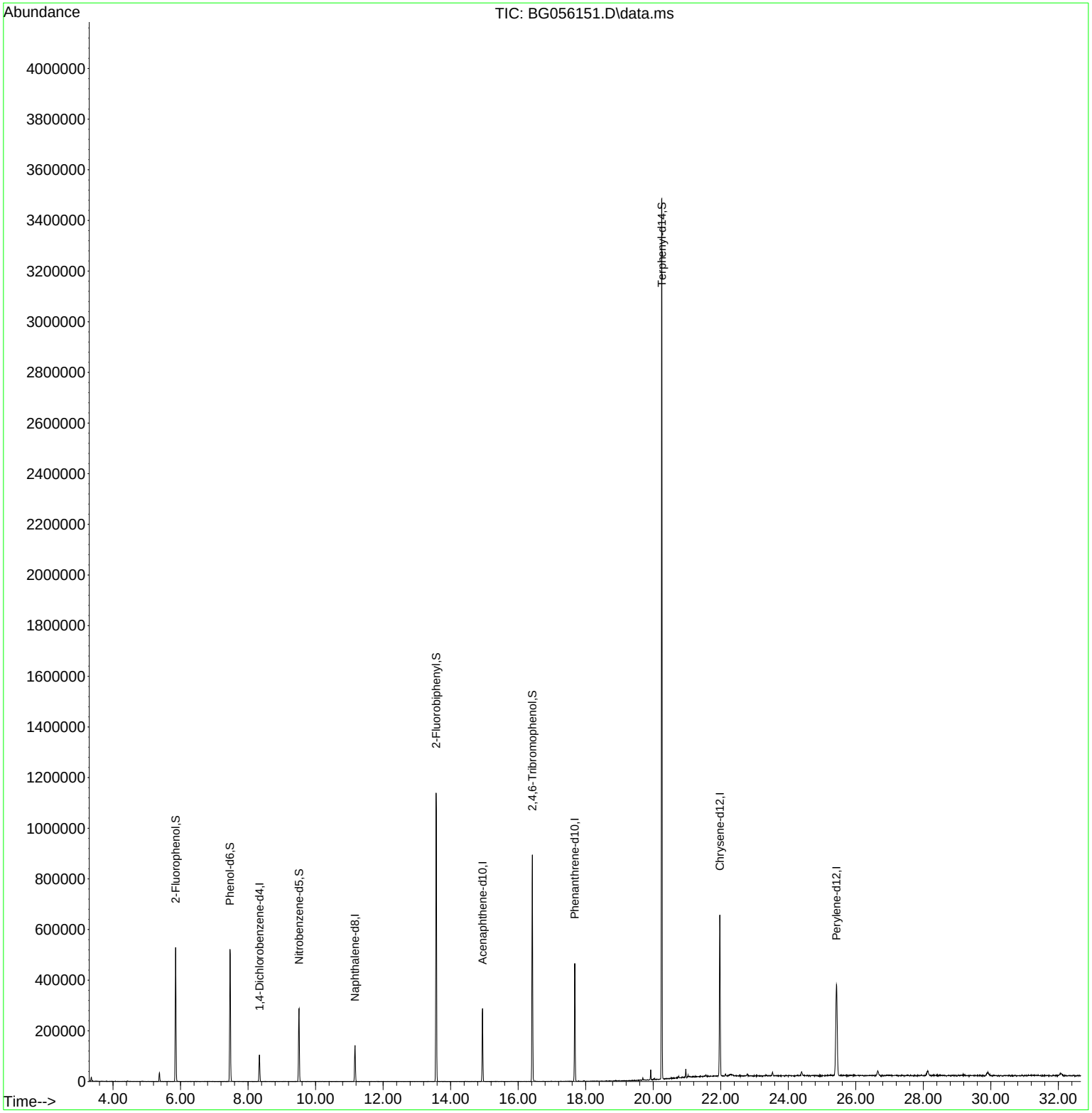
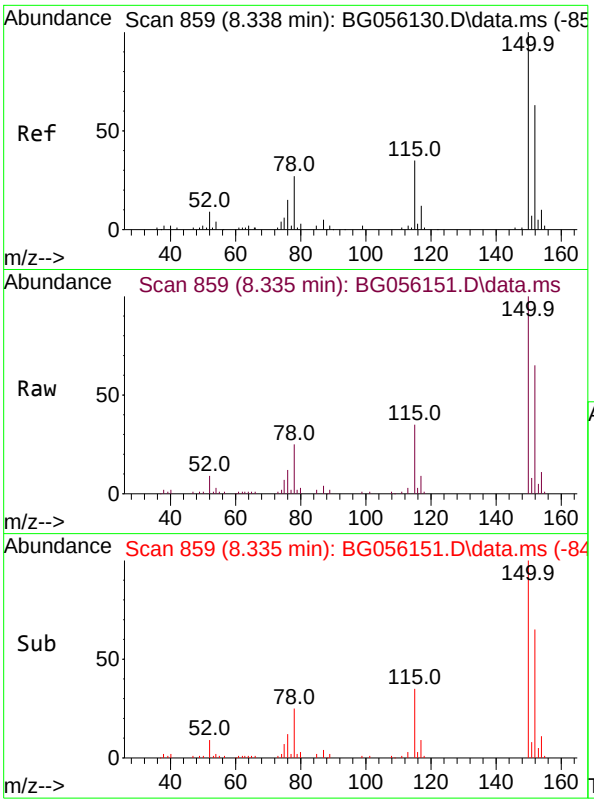


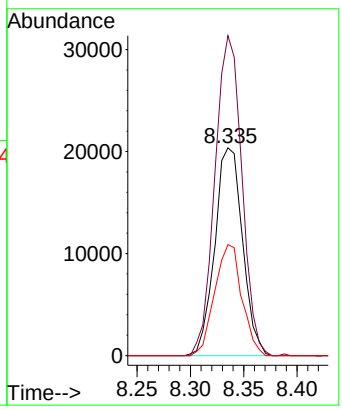


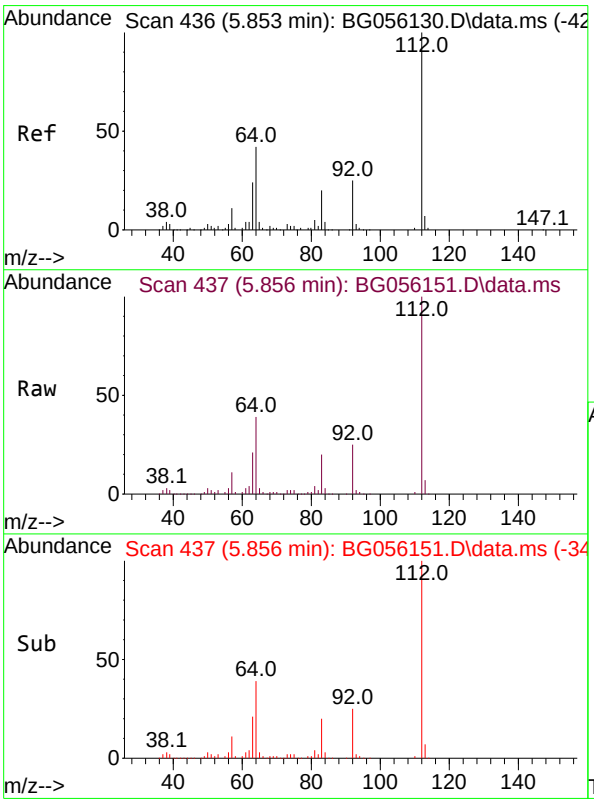
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.335 min Scan# 8
Delta R.T. -0.003 min
Lab File: BG056151.D
Acq: 29 Dec 2022 12:40

Instrument :
BNA_G
ClientSampleId :
PB149922TB

Tgt Ion:152 Resp: 36878

Ion	Ratio	Lower	Upper
152	100		
150	154.0	127.9	191.9
115	53.4	44.2	66.2

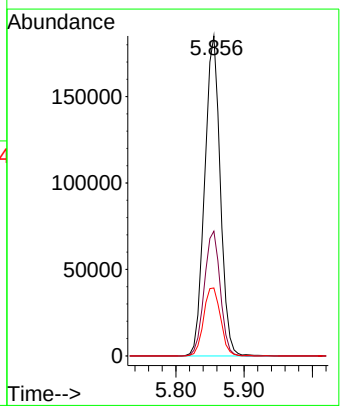


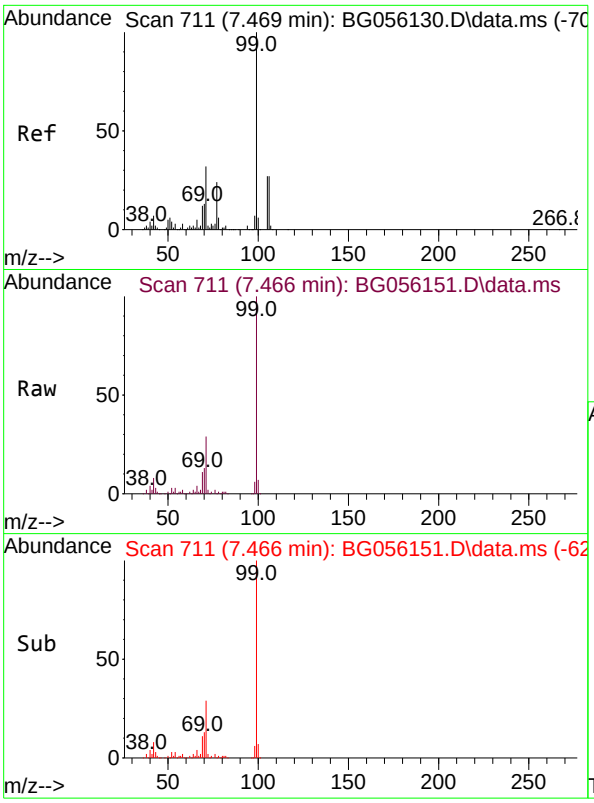


#5
2-Fluorophenol
Concen: 142.466 ng
RT: 5.856 min Scan# 437
Delta R.T. 0.003 min
Lab File: BG056151.D
Acq: 29 Dec 2022 12:40

Tgt Ion:112 Resp: 294252

Ion	Ratio	Lower	Upper
112	100		
64	39.0	33.3	49.9
63	21.2	19.0	28.4



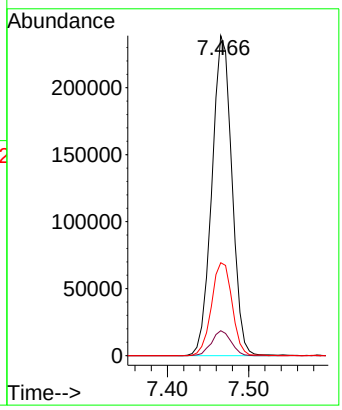


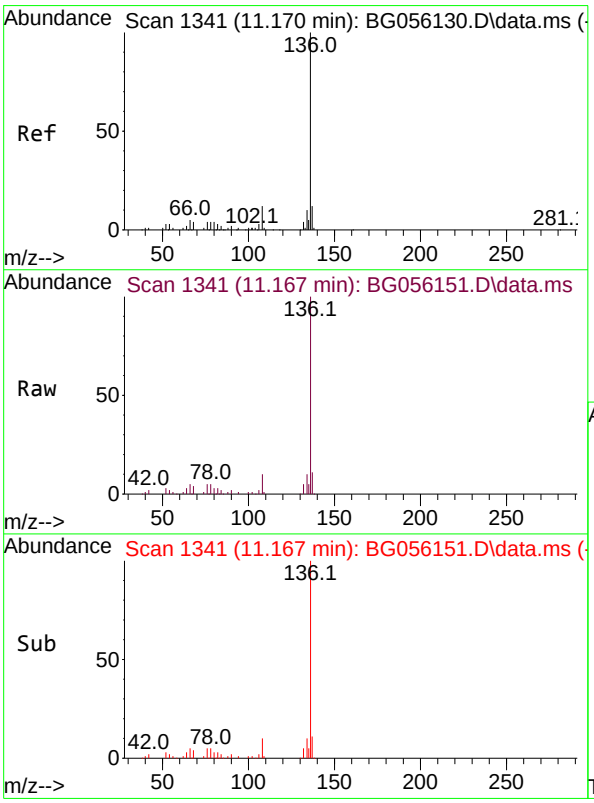
#7
Phenol-d6
Concen: 128.653 ng
RT: 7.466 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG056151.D
Acq: 29 Dec 2022 12:40

Instrument :
BNA_G
ClientSampleId :
PB149922TB

Tgt Ion: 99 Resp: 408075

Ion	Ratio	Lower	Upper
99	100		
42	7.8	5.9	8.9
71	29.0	25.4	38.2

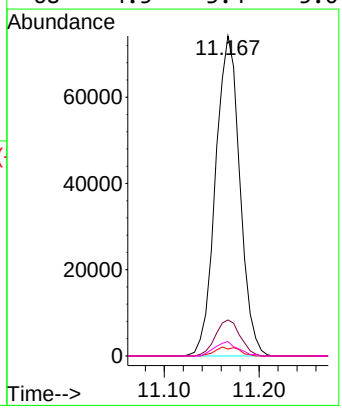


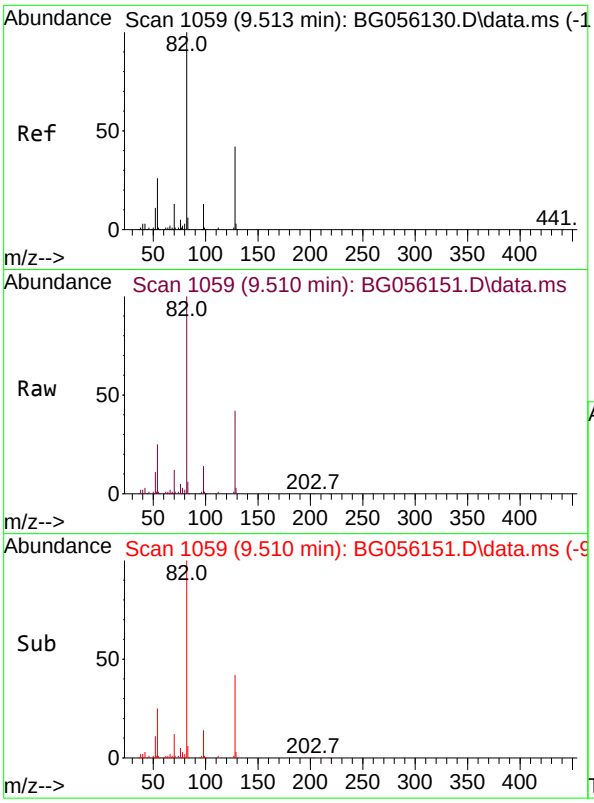


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 1341
Delta R.T. -0.003 min
Lab File: BG056151.D
Acq: 29 Dec 2022 12:40

Tgt Ion:136 Resp: 132009

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	2.1	2.2	3.2#
68	4.5	3.4	5.0



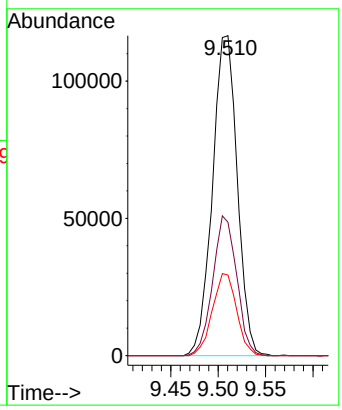


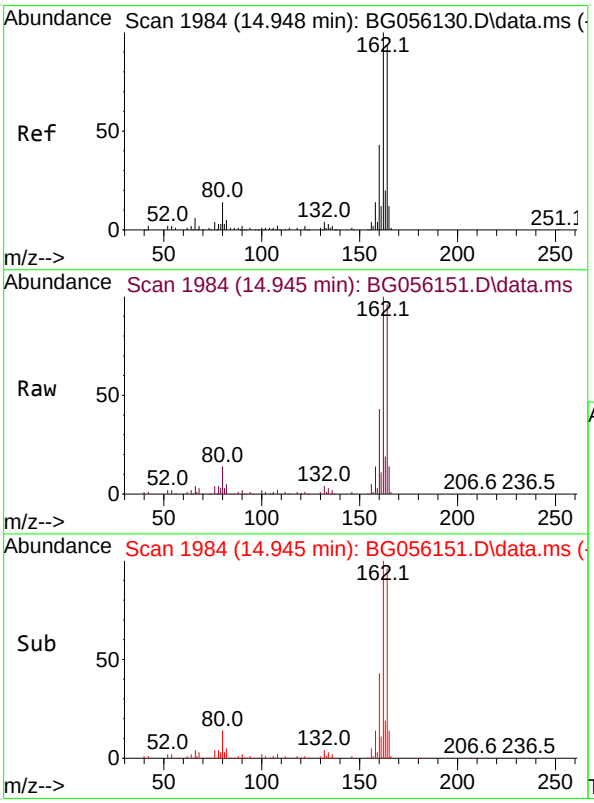
#23
Nitrobenzene-d5
Concen: 82.194 ng
RT: 9.510 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG056151.D
Acq: 29 Dec 2022 12:40

Instrument :
BNA_G
ClientSampleId :
PB149922TB

Tgt Ion: 82 Resp: 212122

Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.4	50.2
54	25.2	20.3	30.5

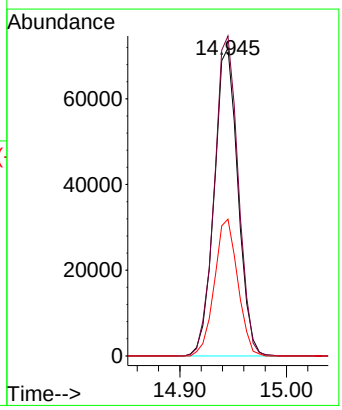


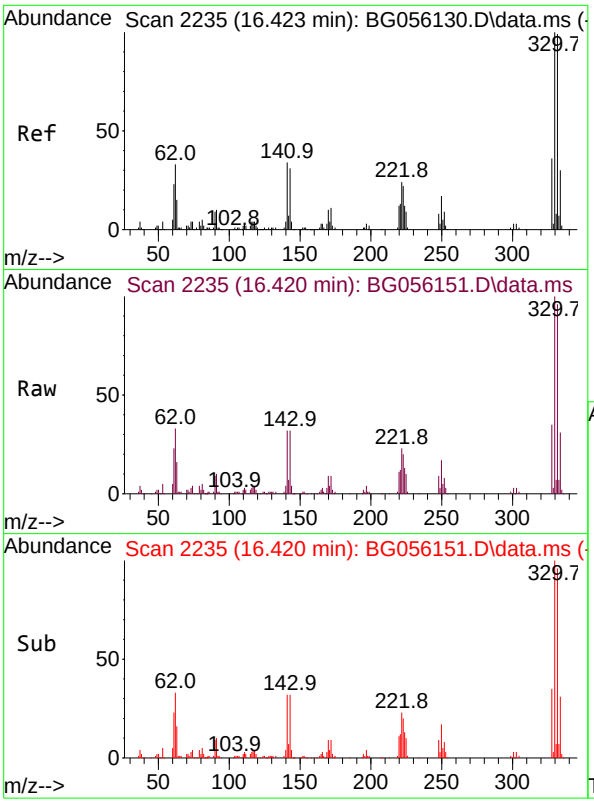


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.945 min Scan# 1984
Delta R.T. -0.003 min
Lab File: BG056151.D
Acq: 29 Dec 2022 12:40

Tgt Ion:164 Resp: 110988

Ion	Ratio	Lower	Upper
164	100		
162	103.9	84.7	127.1
160	44.4	36.3	54.5



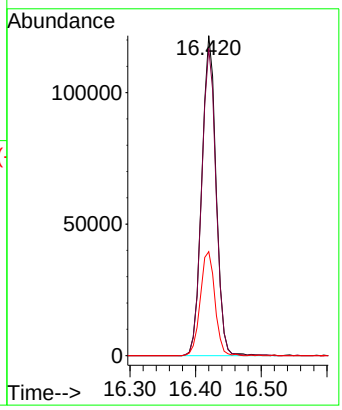


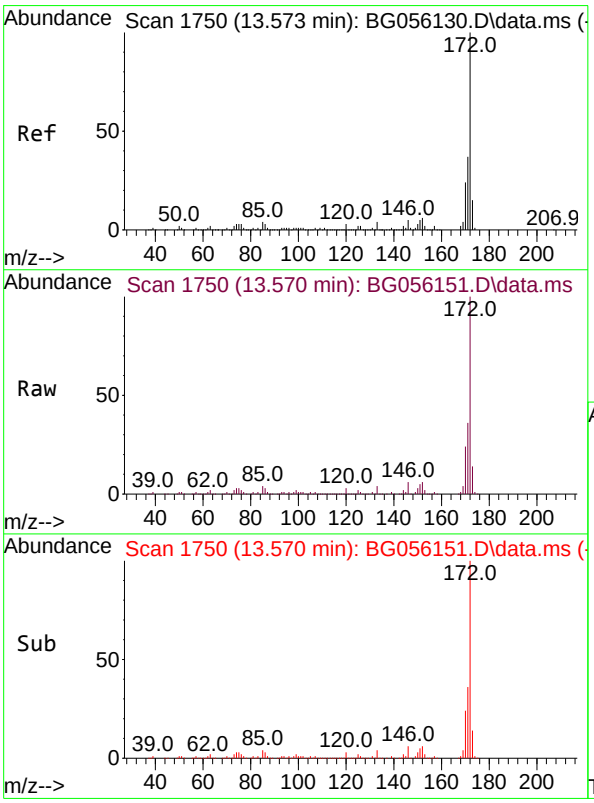
#42
2,4,6-Tribromophenol
Concen: 129.846 ng
RT: 16.420 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG056151.D
Acq: 29 Dec 2022 12:40

Instrument :
BNA_G
ClientSampleId :
PB149922TB

Tgt Ion:330 Resp: 182517

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	33.3	27.9	41.9

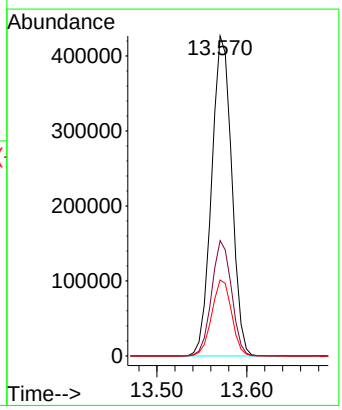


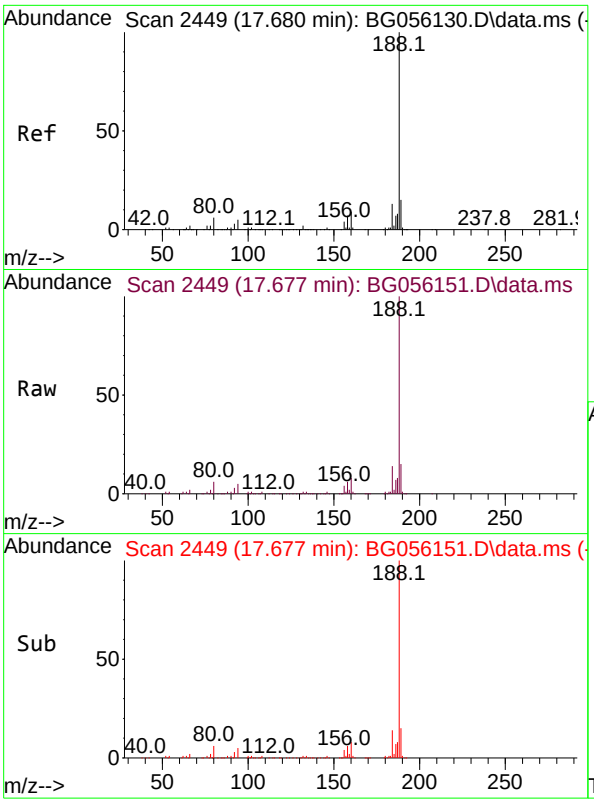


#45
2-Fluorobiphenyl
Concen: 82.812 ng
RT: 13.570 min Scan# 1750
Delta R.T. -0.003 min
Lab File: BG056151.D
Acq: 29 Dec 2022 12:40

Tgt Ion:172 Resp: 665595

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.7	19.4	29.2



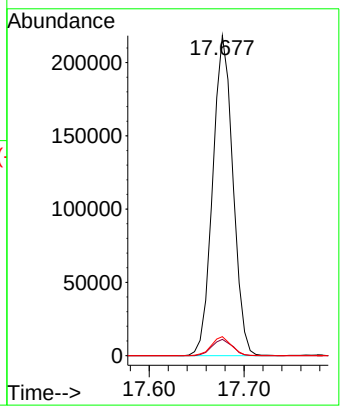


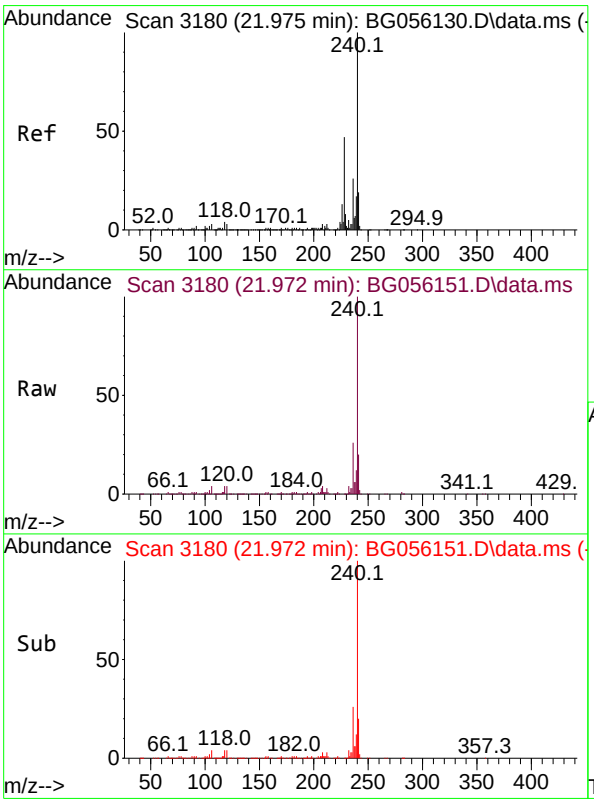
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.677 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG056151.D
Acq: 29 Dec 2022 12:40

Instrument :
BNA_G
ClientSampleId :
PB149922TB

Tgt Ion:188 Resp: 324180

Ion	Ratio	Lower	Upper
188	100		
94	5.1	4.2	6.2
80	5.9	5.0	7.4

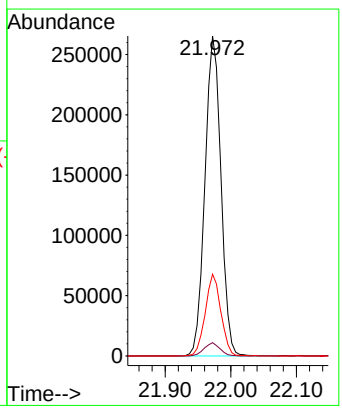


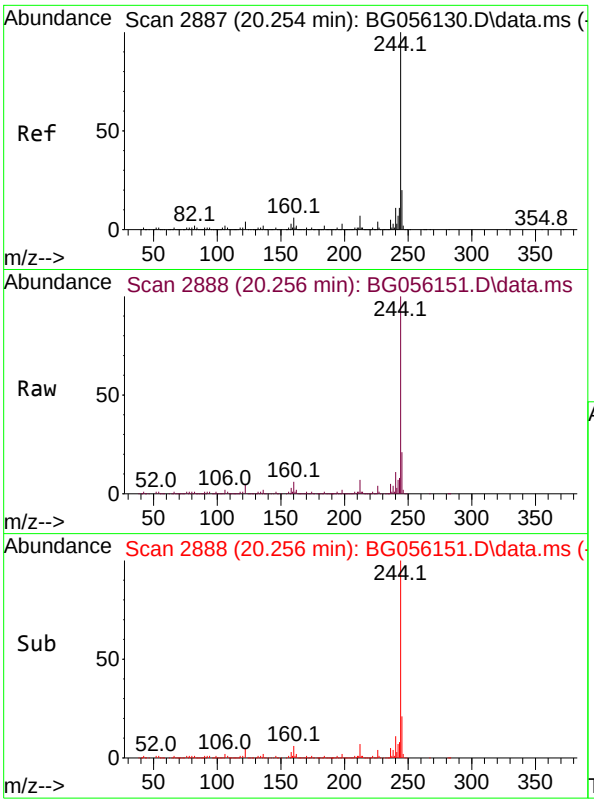


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.972 min Scan# 3180
Delta R.T. -0.003 min
Lab File: BG056151.D
Acq: 29 Dec 2022 12:40

Tgt Ion:240 Resp: 448121

Ion	Ratio	Lower	Upper
240	100		
120	4.1	2.6	4.0#
236	25.5	20.8	31.2



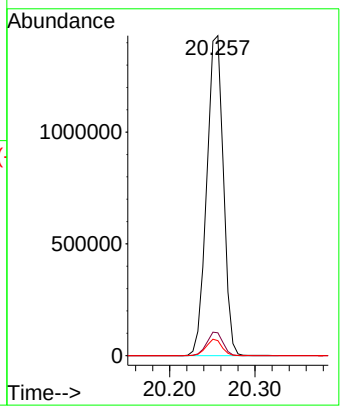


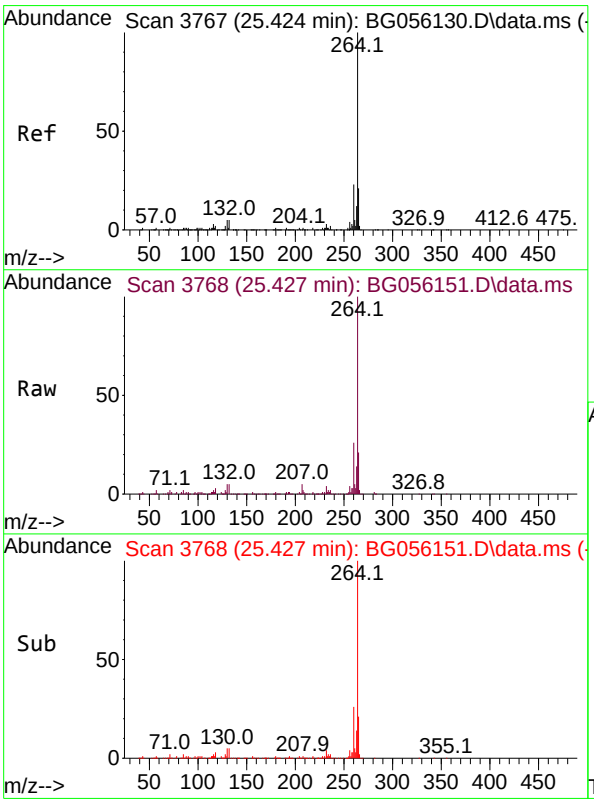
#79
Terphenyl-d14
Concen: 77.381 ng
RT: 20.256 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG056151.D
Acq: 29 Dec 2022 12:40

Instrument :
BNA_G
ClientSampleId :
PB149922TB

Tgt Ion:244 Resp: 1936061

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	4.7	3.5	5.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.427 min Scan# 3768
Delta R.T. 0.003 min
Lab File: BG056151.D
Acq: 29 Dec 2022 12:40

Tgt Ion:264 Resp: 442776

Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.6	28.0
265	21.4	16.7	25.1