Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
Data File : BG055857.D
Acq On : 1 Dec 2022 15:56
Operator : CG/JU
Sample : N5809-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-B-1129

Quant Time: Dec 02 04:09:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 04:07:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.205	152	36498	20.000	ng	0.00
21) Naphthalene-d8	11.037	136	141241	20.000	ng	0.00
39) Acenaphthene-d10	14.833	164	101908	20.000	ng	0.00
64) Phenanthrene-d10	17.571	188	250058	20.000	ng	0.00
76) Chrysene-d12	21.860	240	245258	20.000	ng	0.00
86) Perylene-d12	25.232	264	258554	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.743	112	308417	152.740	ng	0.00
7) Phenol-d6	7.365	99	369065	137.305	ng	0.00
23) Nitrobenzene-d5	9.380	82	266480	99.721	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	245306	170.945	ng	0.00
45) 2-Fluorobiphenyl	13.458	172	644579	94.758	ng	0.00
79) Terphenyl-d14	20.162	244	1183685	96.532	ng	0.00
Target Compounds						Qvalue

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

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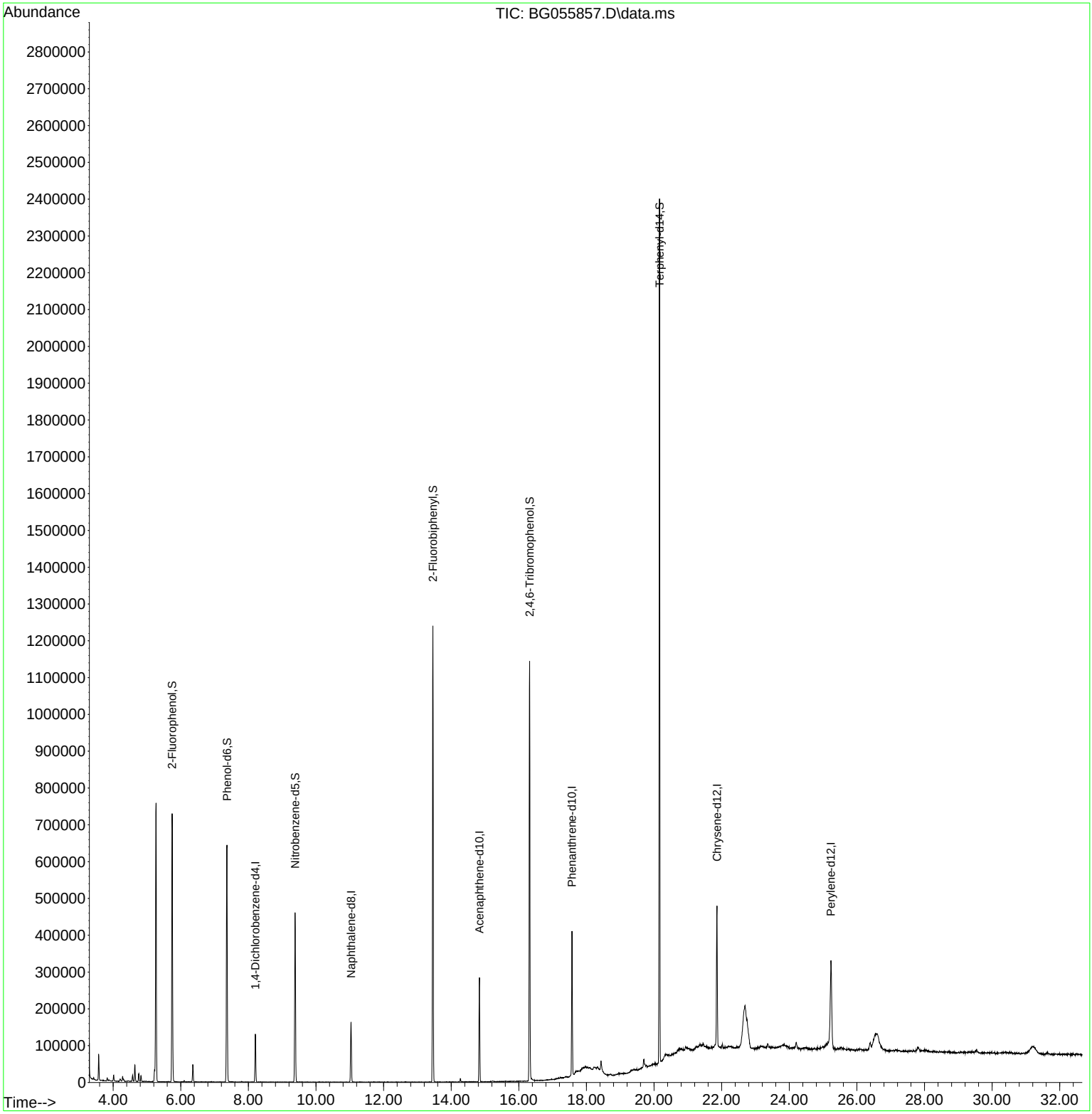
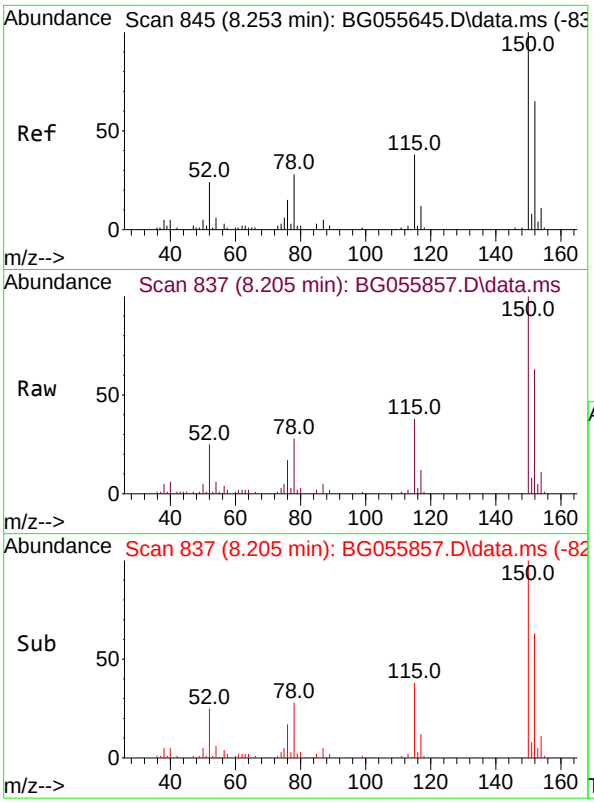
Response via : Initial Calibration



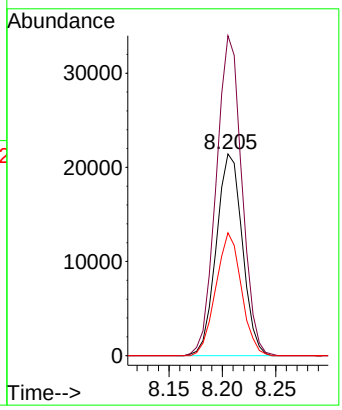


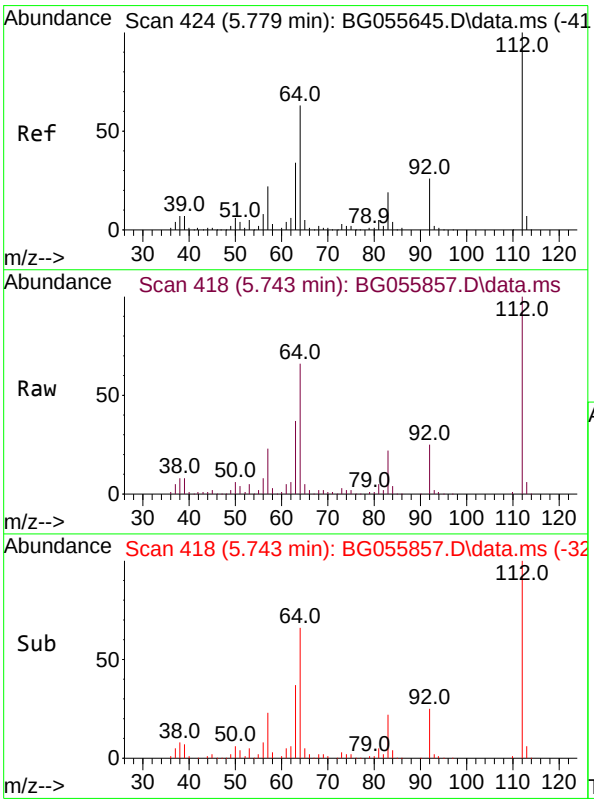
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.205 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG055857.D
Acq: 1 Dec 2022 15:56

Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-B-1129

Tgt Ion:152 Resp: 36498

Ion	Ratio	Lower	Upper
152	100		
150	158.6	123.0	184.6
115	60.9	47.0	70.4

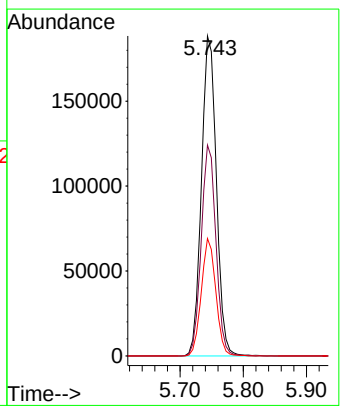


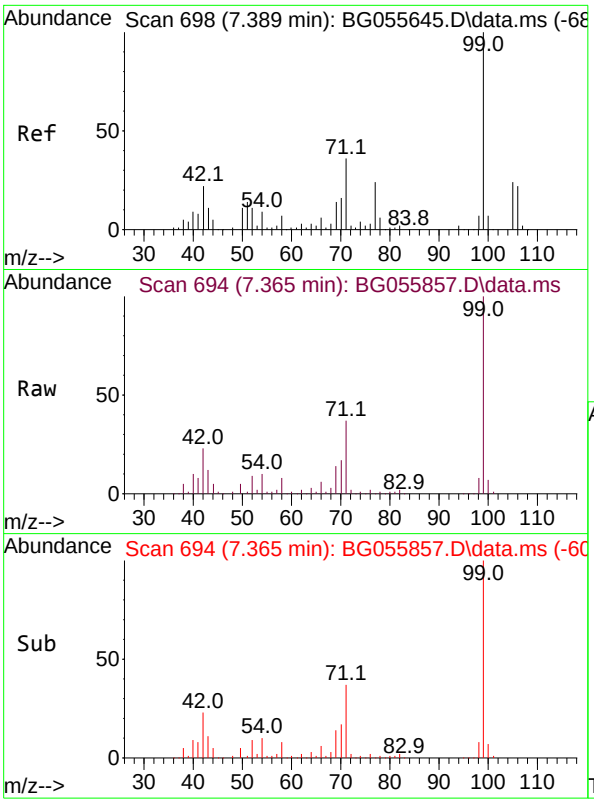


#5
2-Fluorophenol
Concen: 152.740 ng
RT: 5.743 min Scan# 418
Delta R.T. 0.006 min
Lab File: BG055857.D
Acq: 1 Dec 2022 15:56

Tgt Ion:112 Resp: 308417

Ion	Ratio	Lower	Upper
112	100		
64	65.9	50.6	76.0
63	36.7	27.5	41.3



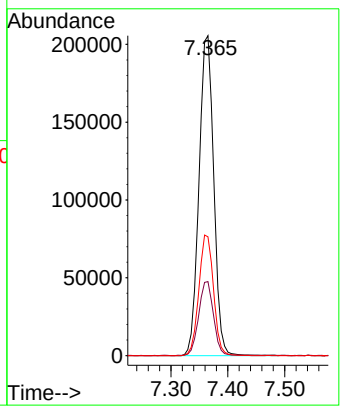


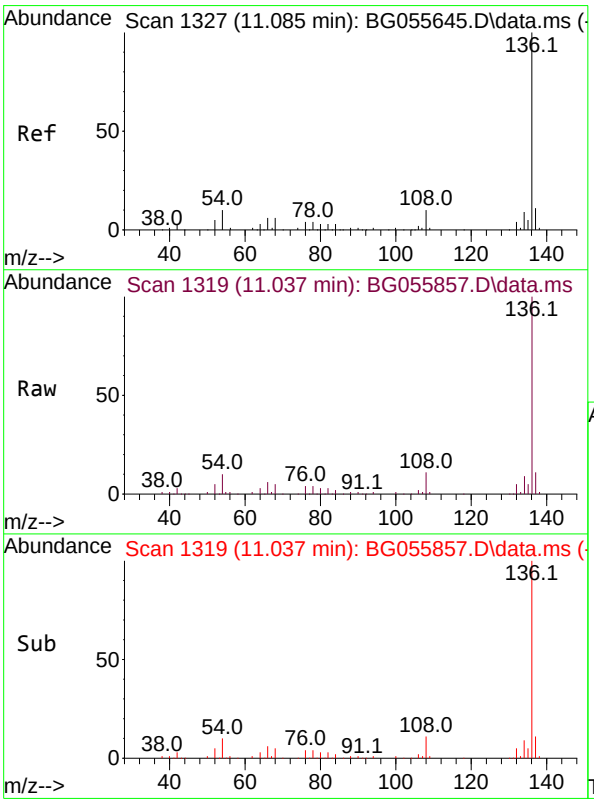
#7
Phenol-d6
Concen: 137.305 ng
RT: 7.365 min Scan# 69
Delta R.T. 0.006 min
Lab File: BG055857.D
Acq: 1 Dec 2022 15:56

Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-B-1129

Tgt Ion: 99 Resp: 369065

Ion	Ratio	Lower	Upper
99	100		
42	23.1	18.0	27.0
71	37.1	29.0	43.6

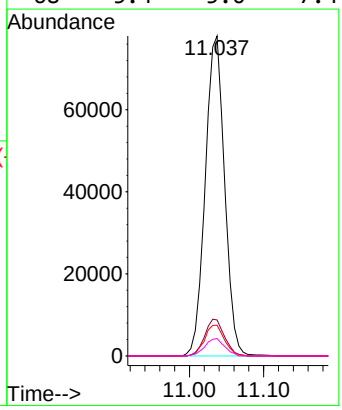


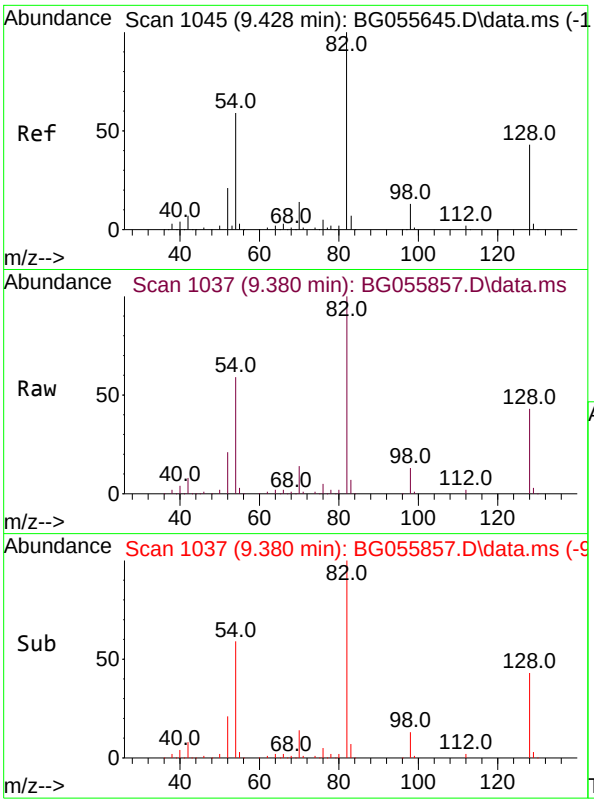


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.037 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BG055857.D
Acq: 1 Dec 2022 15:56

Tgt Ion:136 Resp: 141241

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	9.6	7.8	11.6
68	5.4	5.0	7.4



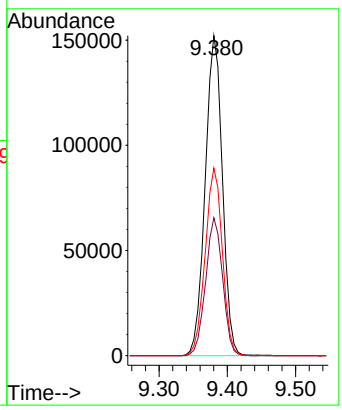


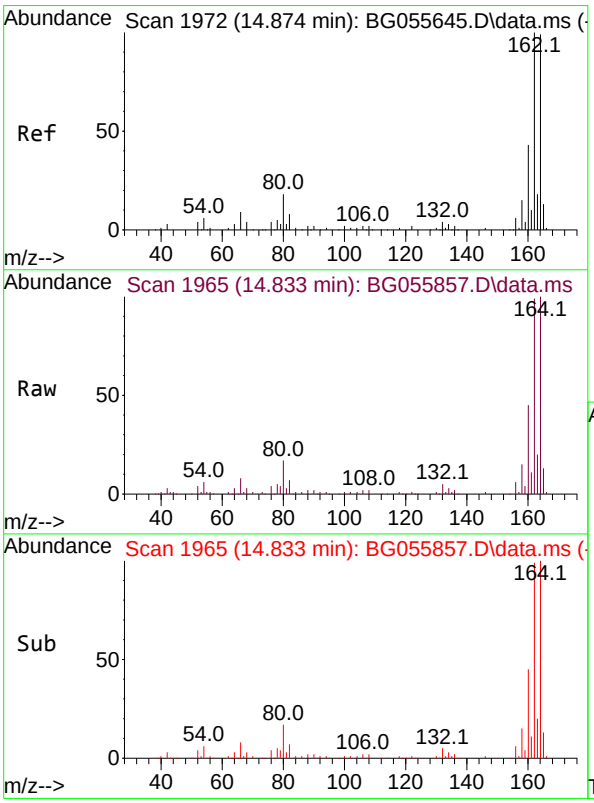
#23
Nitrobenzene-d5
Concen: 99.721 ng
RT: 9.380 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055857.D
Acq: 1 Dec 2022 15:56

Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-B-1129

Tgt Ion: 82 Resp: 266480

Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.1	51.1
54	58.6	47.3	70.9

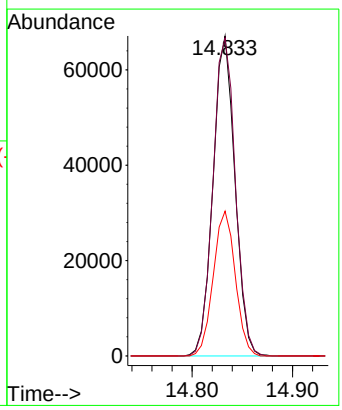


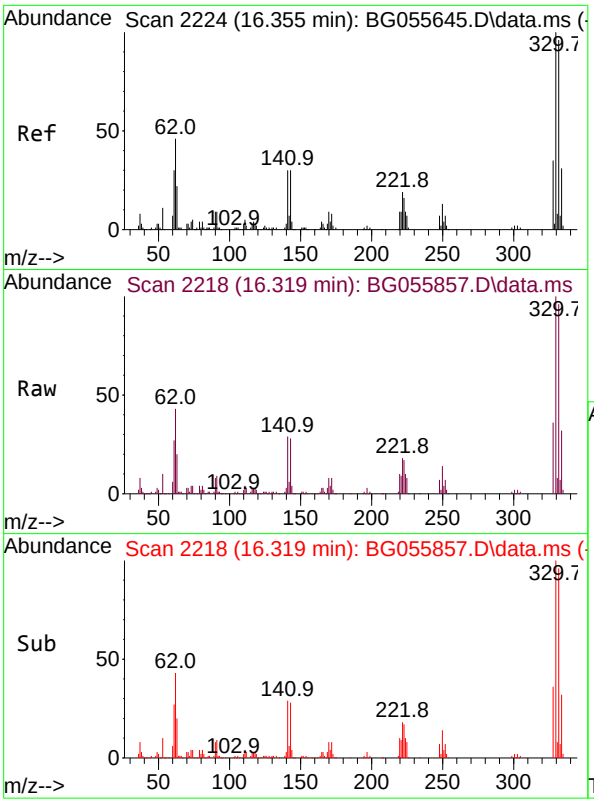


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.833 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BG055857.D
Acq: 1 Dec 2022 15:56

Tgt Ion:164 Resp: 101908

Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.1	121.7
160	45.2	34.8	52.2



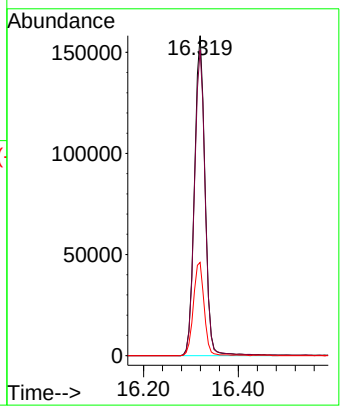


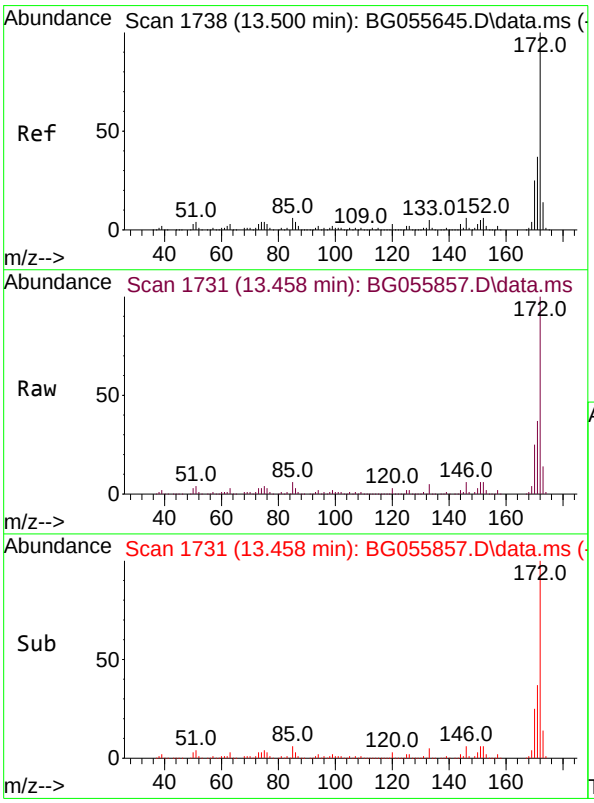
#42
2,4,6-Tribromophenol
Concen: 170.945 ng
RT: 16.319 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG055857.D
Acq: 1 Dec 2022 15:56

Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-B-1129

Tgt Ion:330 Resp: 245306

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.8	116.8
141	29.6	23.9	35.9

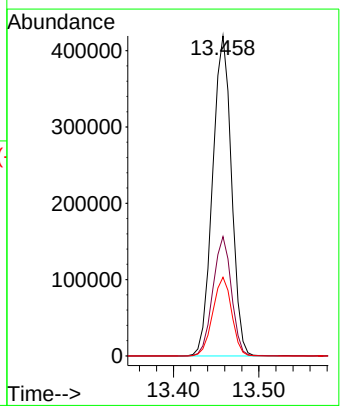


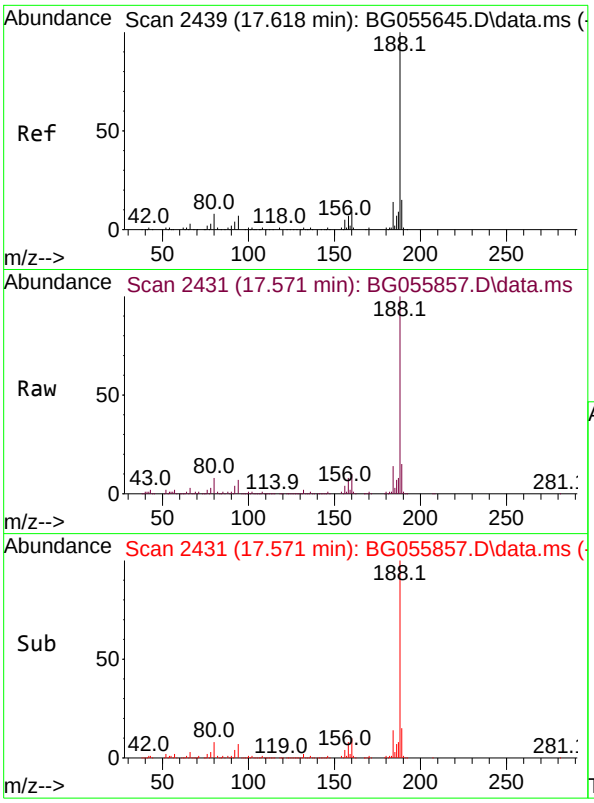


#45
2-Fluorobiphenyl
Concen: 94.758 ng
RT: 13.458 min Scan# 1731
Delta R.T. -0.000 min
Lab File: BG055857.D
Acq: 1 Dec 2022 15:56

Tgt Ion:172 Resp: 644579

Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	24.6	20.2	30.4



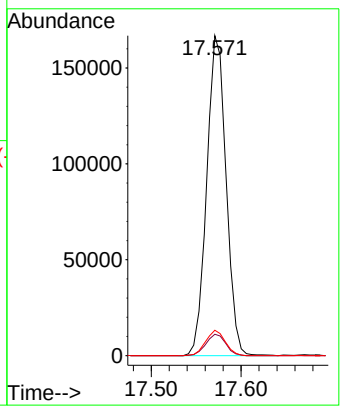


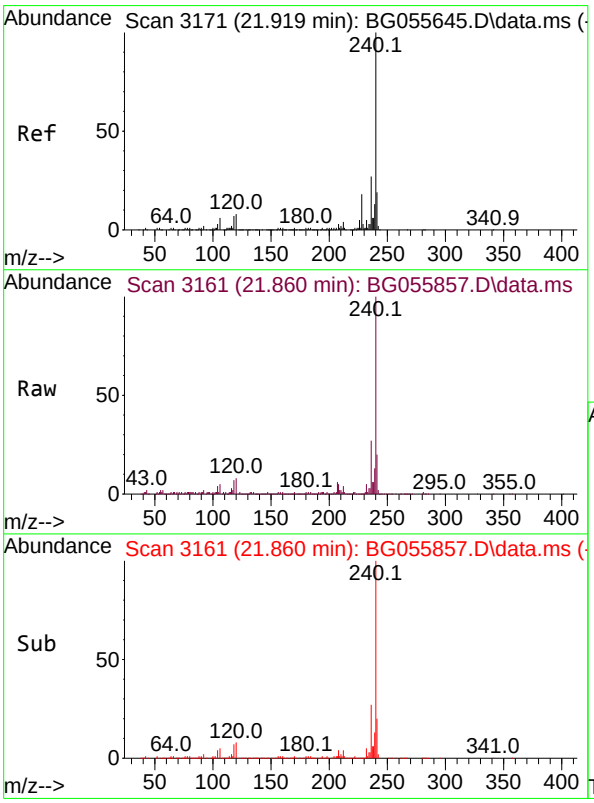
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.571 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG055857.D
Acq: 1 Dec 2022 15:56

Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-B-1129

Tgt Ion:188 Resp: 250058

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.4	8.2
80	7.9	6.6	10.0

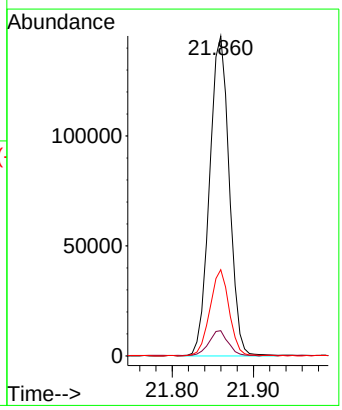


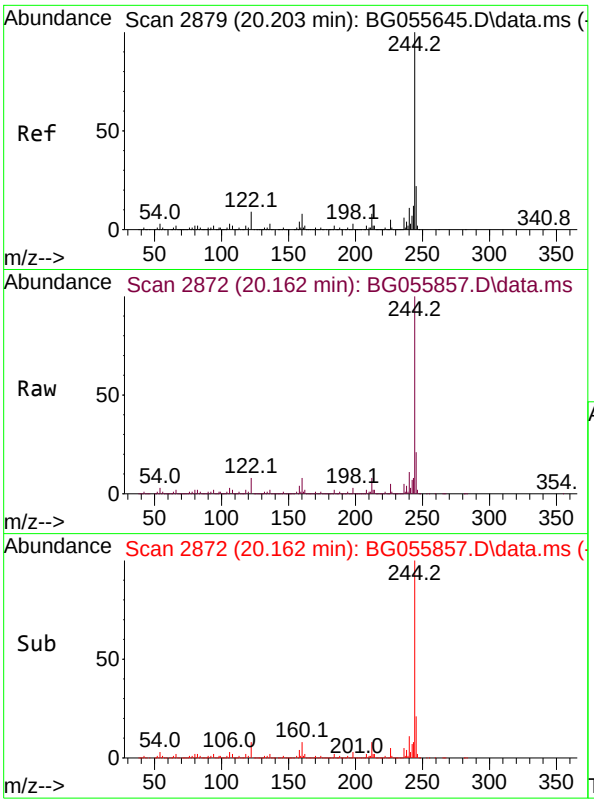


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.860 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BG055857.D
Acq: 1 Dec 2022 15:56

Tgt Ion:240 Resp: 245258

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.3	9.5
236	26.9	21.9	32.9



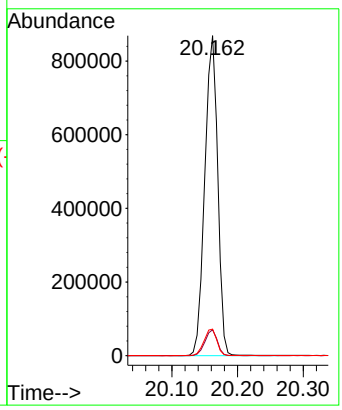


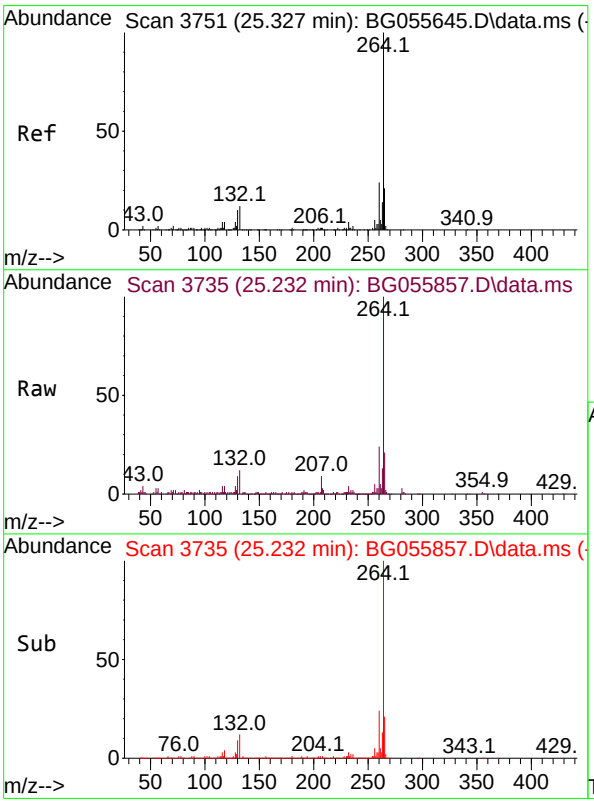
#79
Terphenyl-d14
Concen: 96.532 ng
RT: 20.162 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG055857.D
Acq: 1 Dec 2022 15:56

Instrument :
BNA_G
ClientSampleId :
HOWE-DRUM-B-1129

Tgt Ion:244 Resp: 1183685

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.3	9.5
122	8.3	6.9	10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.232 min Scan# 3735
Delta R.T. -0.018 min
Lab File: BG055857.D
Acq: 1 Dec 2022 15:56

Tgt Ion:264 Resp: 258554

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.2	17.1	25.7