Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113022\
Data File : BG055847.D
Acq On : 30 Nov 2022 18:30
Operator : CG/JU
Sample : N5809-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Dec 01 02:14:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 01 02:10:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	44341	20.000	ng	0.00
21) Naphthalene-d8	11.052	136	172932	20.000	ng	0.00
39) Acenaphthene-d10	14.847	164	110253	20.000	ng	0.00
64) Phenanthrene-d10	17.591	188	214626	20.000	ng	# 0.00
76) Chrysene-d12	21.910	240	186139	20.000	ng	# 0.03
86) Perylene-d12	25.400	264	195198	20.000	ng	# 0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.764	112	287285	117.109	ng	0.01
7) Phenol-d6	7.380	99	359607	110.122	ng	0.00
23) Nitrobenzene-d5	9.395	82	184042	56.250	ng	0.00
42) 2,4,6-Tribromophenol	16.334	330	154740	99.671	ng	0.00
45) 2-Fluorobiphenyl	13.472	172	515556	70.054	ng	0.00
79) Terphenyl-d14	20.188	244	621391	66.771	ng	0.02
Target Compounds						Qvalue

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

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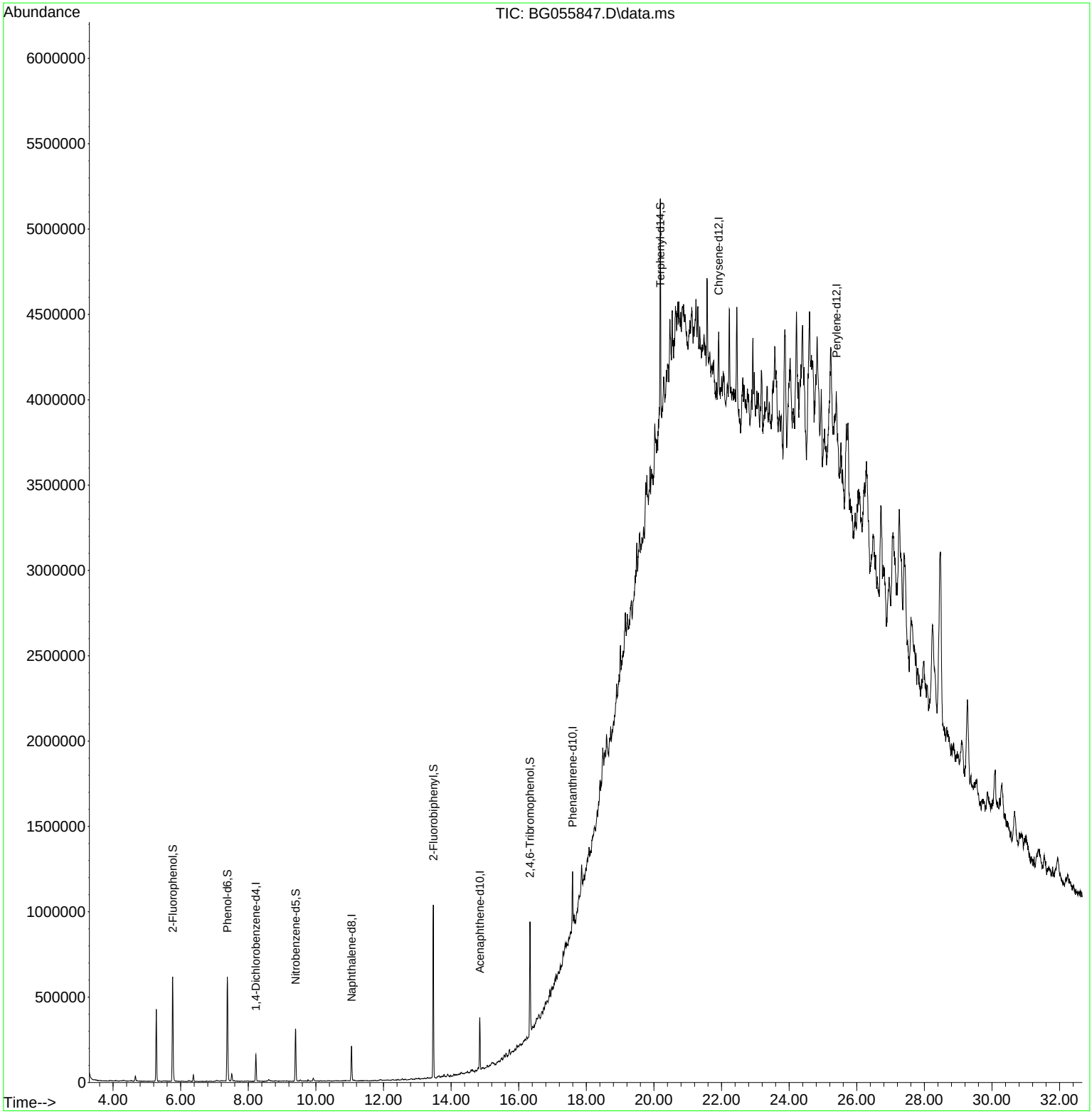
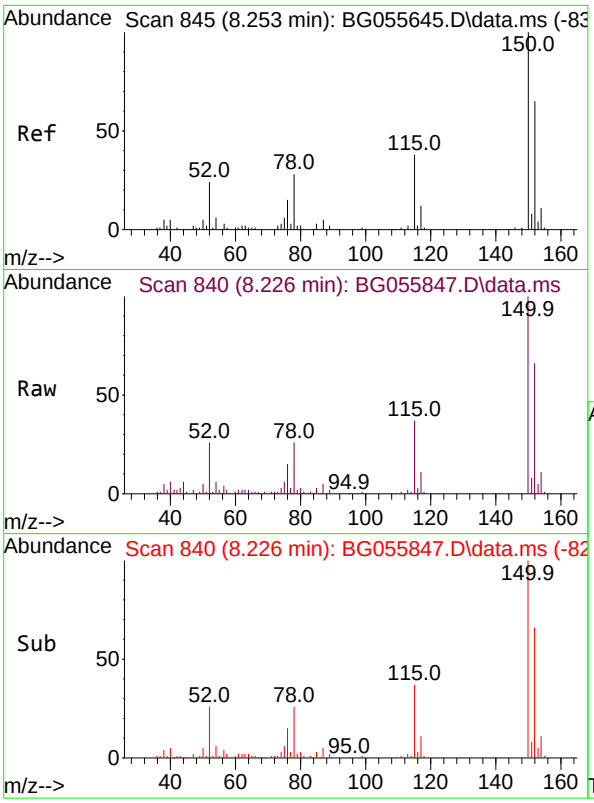


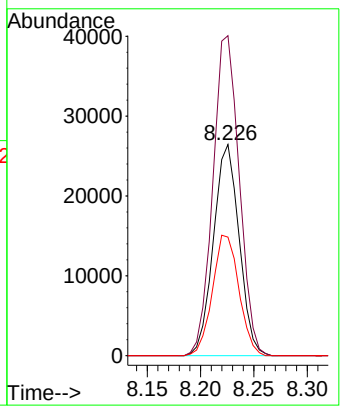


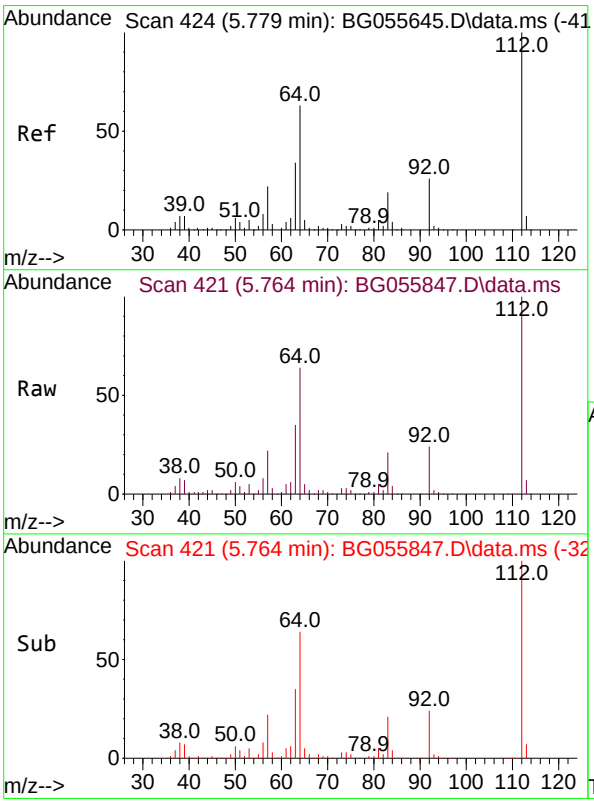
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.226 min Scan# 84
Delta R.T. 0.007 min
Lab File: BG055847.D
Acq: 30 Nov 2022 18:30

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

Tgt Ion:152 Resp: 44341

Ion	Ratio	Lower	Upper
152	100		
150	151.6	123.0	184.6
115	56.1	47.0	70.4

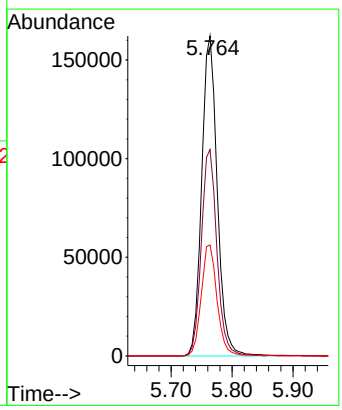


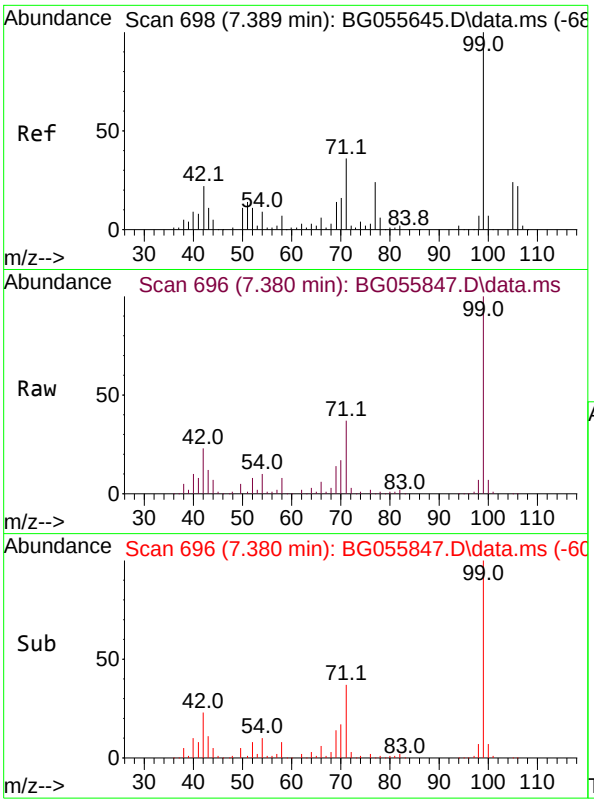


#5
2-Fluorophenol
Concen: 117.109 ng
RT: 5.764 min Scan# 421
Delta R.T. 0.012 min
Lab File: BG055847.D
Acq: 30 Nov 2022 18:30

Tgt Ion:112 Resp: 287285

Ion	Ratio	Lower	Upper
112	100		
64	64.5	50.6	76.0
63	34.7	27.5	41.3



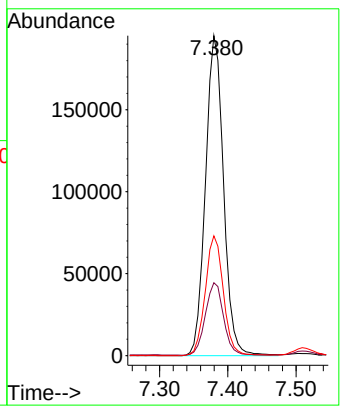


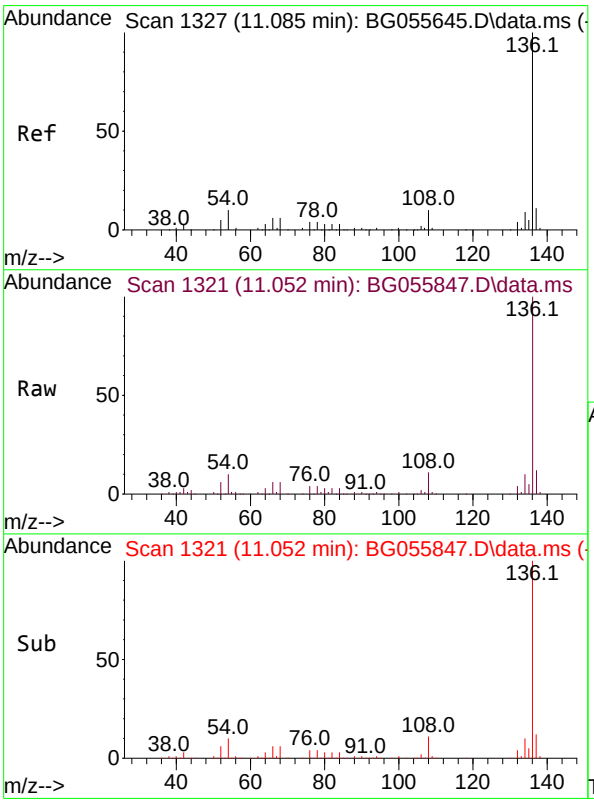
#7
Phenol-d6
Concen: 110.122 ng
RT: 7.380 min Scan# 69
Delta R.T. 0.006 min
Lab File: BG055847.D
Acq: 30 Nov 2022 18:30

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

Tgt Ion: 99 Resp: 359607

Ion	Ratio	Lower	Upper
99	100		
42	22.8	18.0	27.0
71	37.5	29.0	43.6

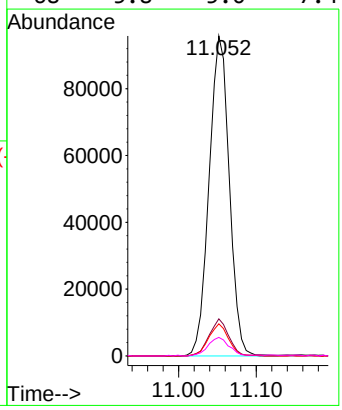


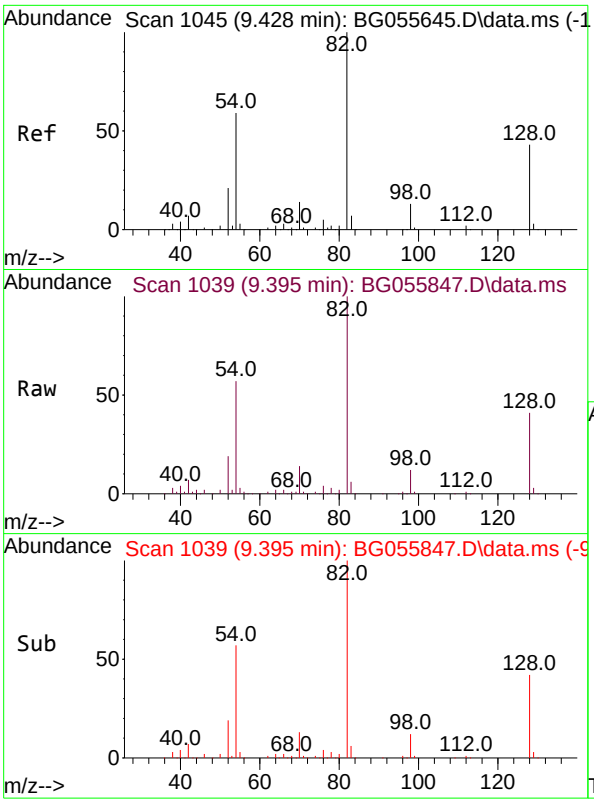


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.052 min Scan# 1321
Delta R.T. 0.001 min
Lab File: BG055847.D
Acq: 30 Nov 2022 18:30

Tgt Ion:136 Resp: 172932

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	10.0	7.8	11.6
68	5.8	5.0	7.4



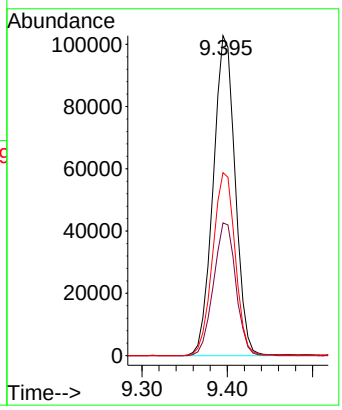


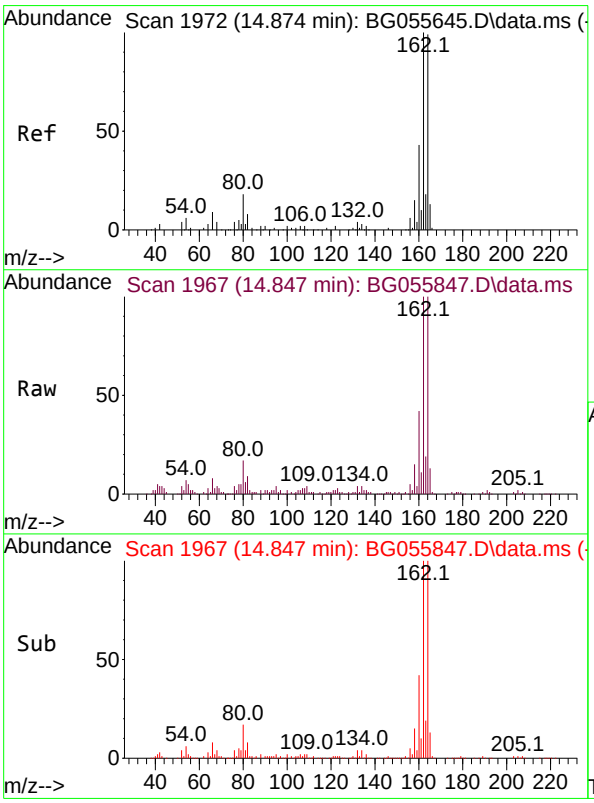
#23
Nitrobenzene-d5
Concen: 56.250 ng
RT: 9.395 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG055847.D
Acq: 30 Nov 2022 18:30

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

Tgt Ion: 82 Resp: 184042

Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.1	51.1
54	57.2	47.3	70.9

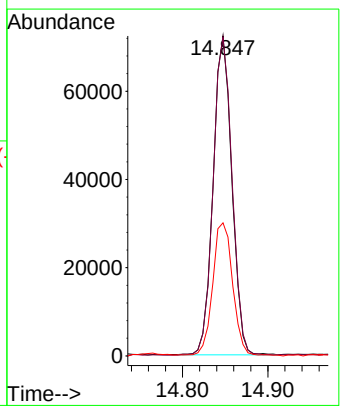


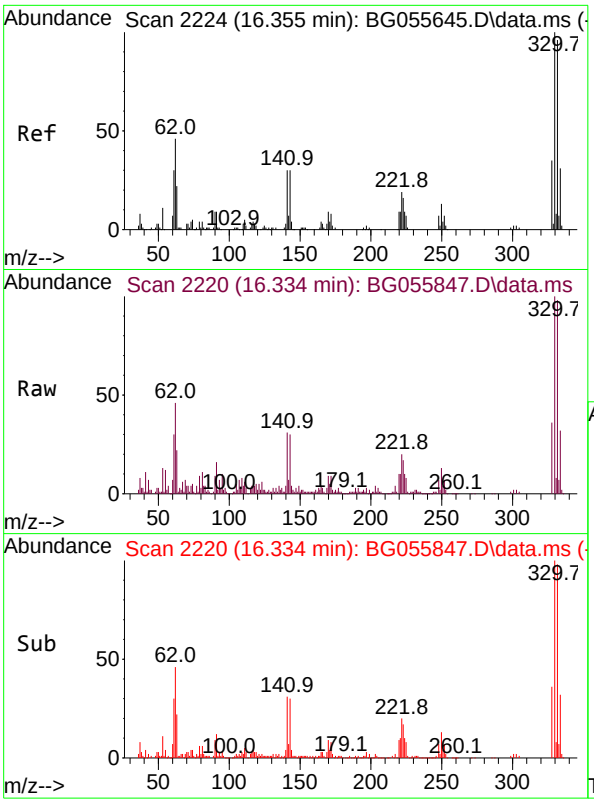


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.847 min Scan# 1967
Delta R.T. 0.001 min
Lab File: BG055847.D
Acq: 30 Nov 2022 18:30

Tgt Ion:164 Resp: 110253

Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.1	121.7
160	41.6	34.8	52.2



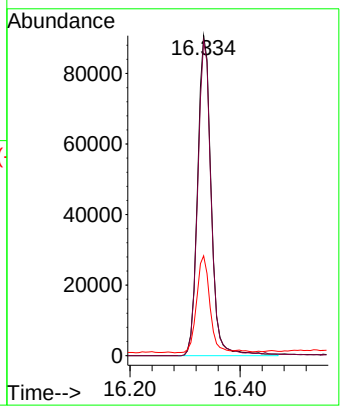


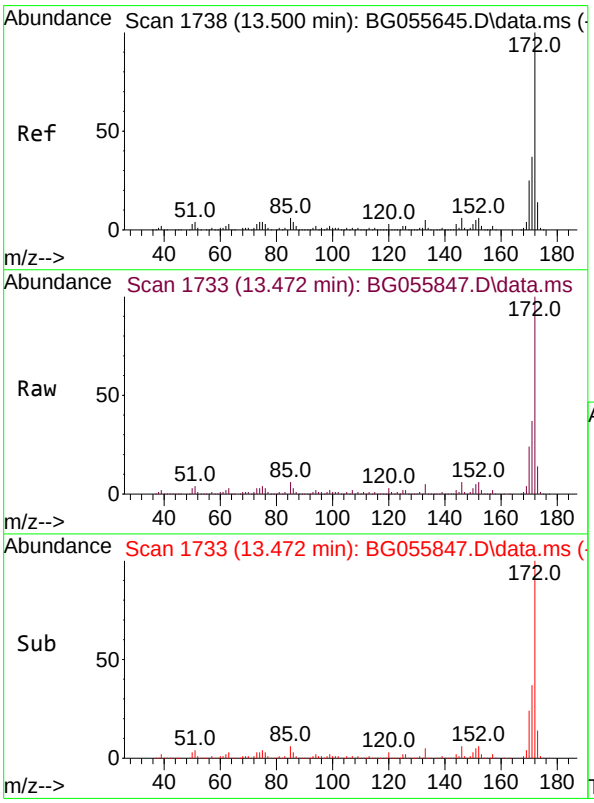
#42
2,4,6-Tribromophenol
Concen: 99.671 ng
RT: 16.334 min Scan# 2
Delta R.T. 0.006 min
Lab File: BG055847.D
Acq: 30 Nov 2022 18:30

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

Tgt Ion:330 Resp: 154740

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.8	116.8
141	29.2	23.9	35.9

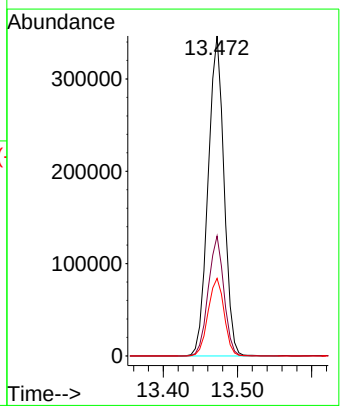


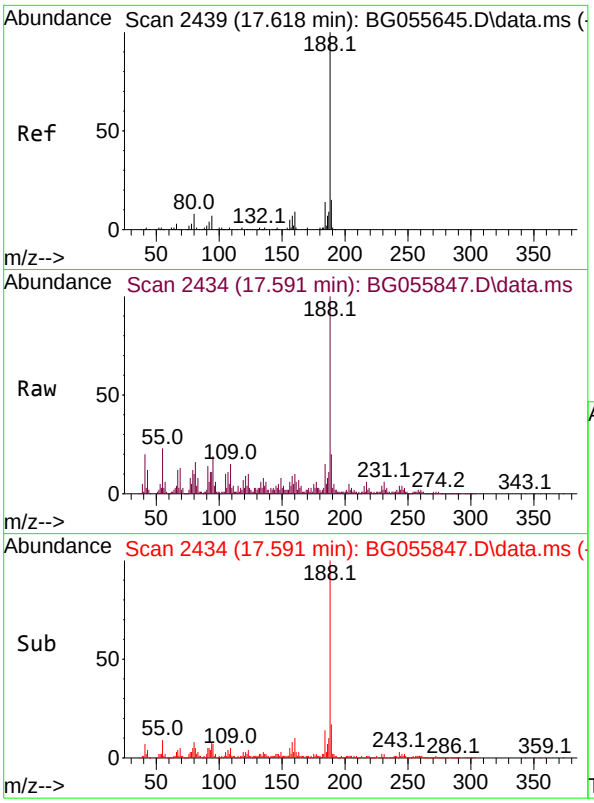


#45
2-Fluorobiphenyl
Concen: 70.054 ng
RT: 13.472 min Scan# 1733
Delta R.T. 0.001 min
Lab File: BG055847.D
Acq: 30 Nov 2022 18:30

Tgt Ion:172 Resp: 515556

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.6
170	24.2	20.2	30.4



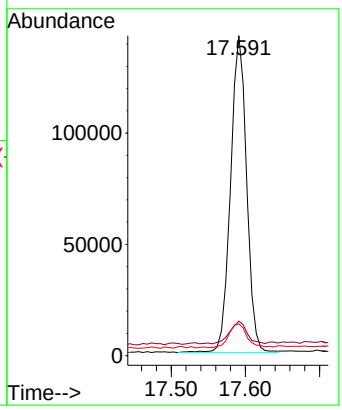


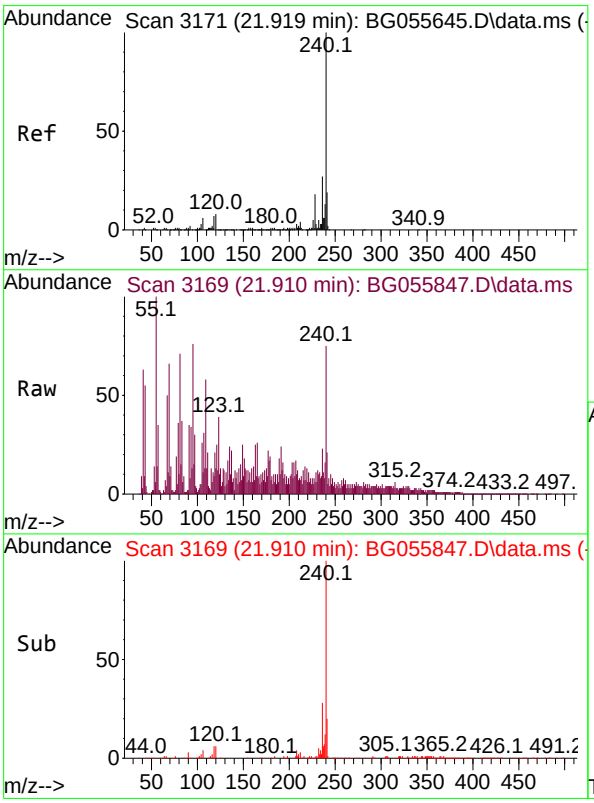
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.591 min Scan# 24
Delta R.T. 0.006 min
Lab File: BG055847.D
Acq: 30 Nov 2022 18:30

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

Tgt Ion:188 Resp: 214626

Ion	Ratio	Lower	Upper
188	100		
94	10.8	5.4	8.2#
80	9.9	6.6	10.0

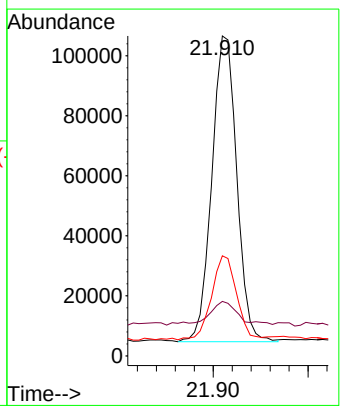


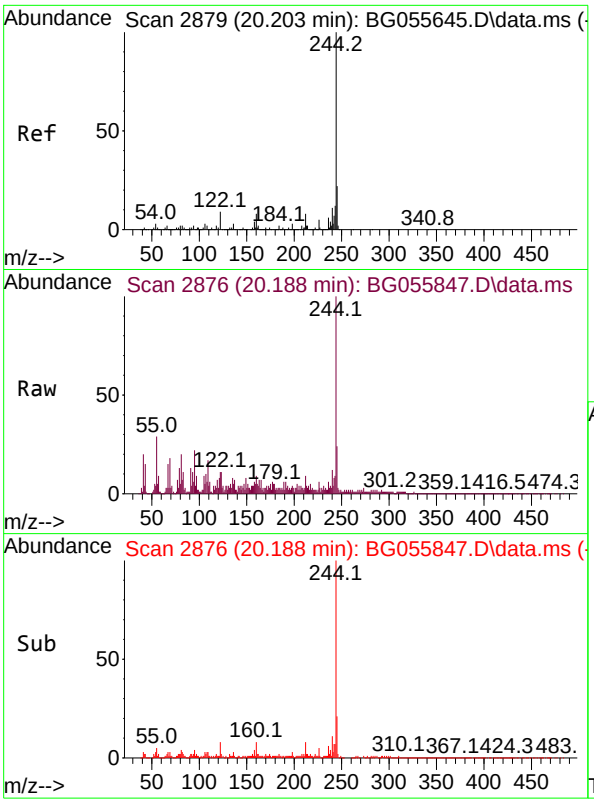


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.910 min Scan# 3169
Delta R.T. 0.030 min
Lab File: BG055847.D
Acq: 30 Nov 2022 18:30

Tgt Ion:240 Resp: 186139

Ion	Ratio	Lower	Upper
240	100		
120	17.0	6.3	9.5#
236	31.3	21.9	32.9



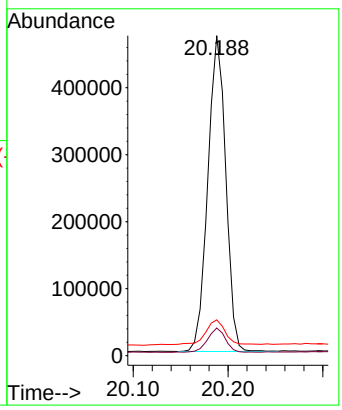


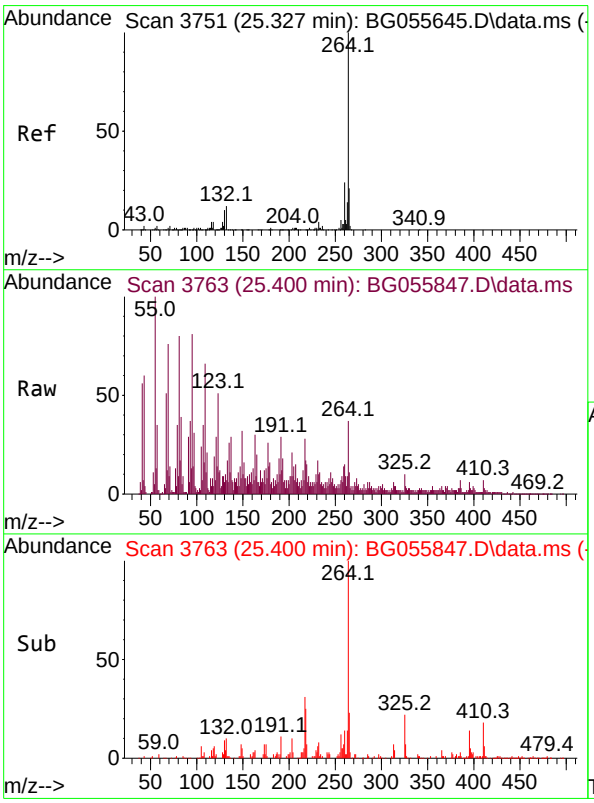
#79
Terphenyl-d14
Concen: 66.771 ng
RT: 20.188 min Scan# 28
Delta R.T. 0.018 min
Lab File: BG055847.D
Acq: 30 Nov 2022 18:30

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

Tgt Ion:244 Resp: 621391

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.3	9.5
122	11.2	6.9	10.3#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.400 min Scan# 3763
Delta R.T. 0.142 min
Lab File: BG055847.D
Acq: 30 Nov 2022 18:30

Tgt Ion:264 Resp: 195198

Ion	Ratio	Lower	Upper
264	100		
260	42.0	19.5	29.3#
265	31.2	17.1	25.7#