Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112122\
Data File : BG055727.D
Acq On : 21 Nov 2022 23:11
Operator : CG/JU
Sample : N5678-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-05

Quant Time: Nov 22 02:09:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.247	152	36045	20.000	ng	0.00
21) Naphthalene-d8	11.073	136	166825	20.000	ng	-0.01
39) Acenaphthene-d10	14.869	164	126985	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	285808	20.000	ng	-0.01
76) Chrysene-d12	21.902	240	265841	20.000	ng	-0.02
86) Perylene-d12	25.310	264	281409	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.774	112	178971	89.747	ng	0.00
7) Phenol-d6	7.389	99	252492	95.116	ng	0.00
23) Nitrobenzene-d5	9.417	82	160669	50.904	ng	-0.01
42) 2,4,6-Tribromophenol	16.350	330	146157	81.738	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	456589	53.867	ng	0.00
79) Terphenyl-d14	20.192	244	774743	58.290	ng	-0.01
Target Compounds						Qvalue

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

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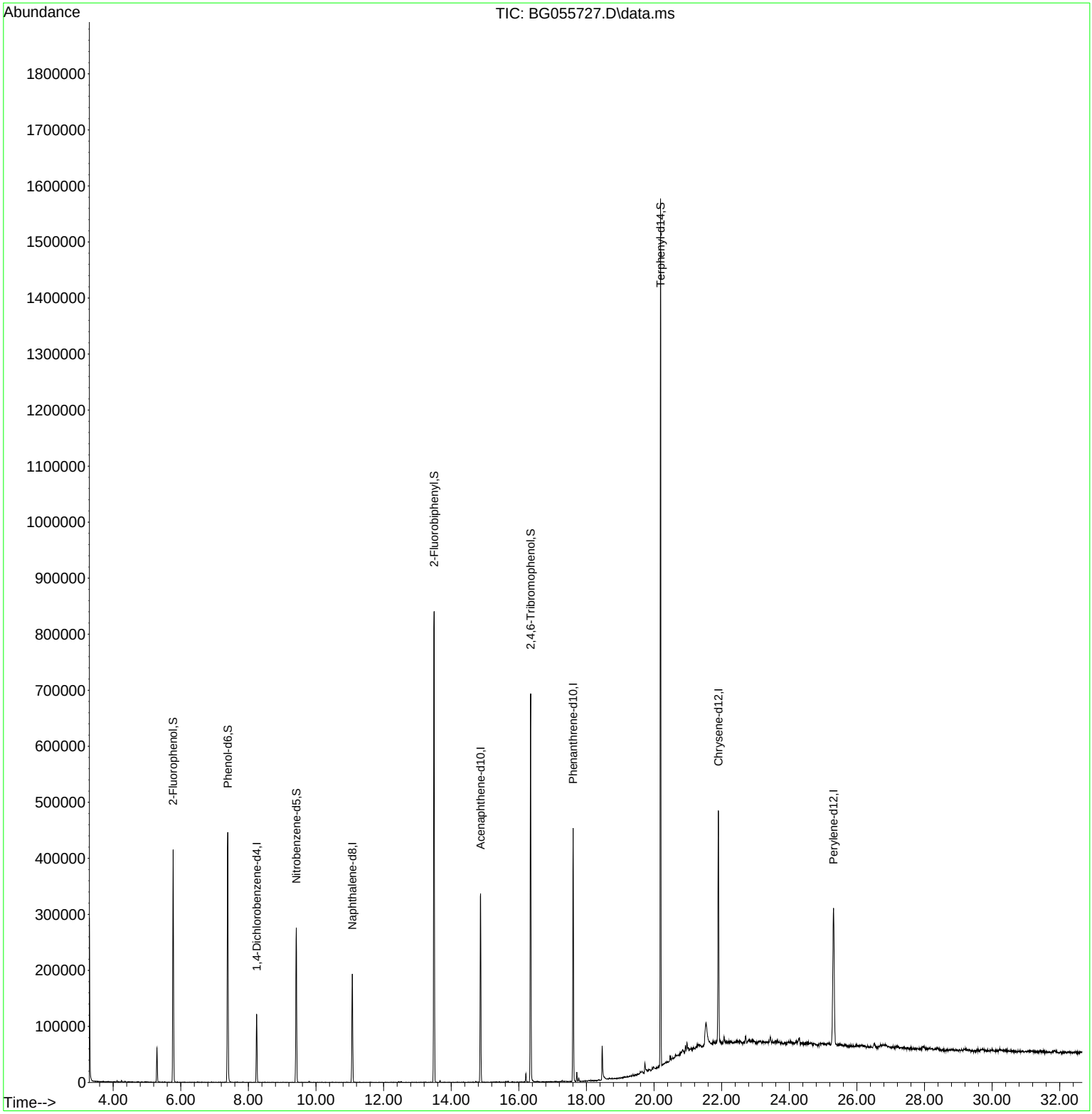
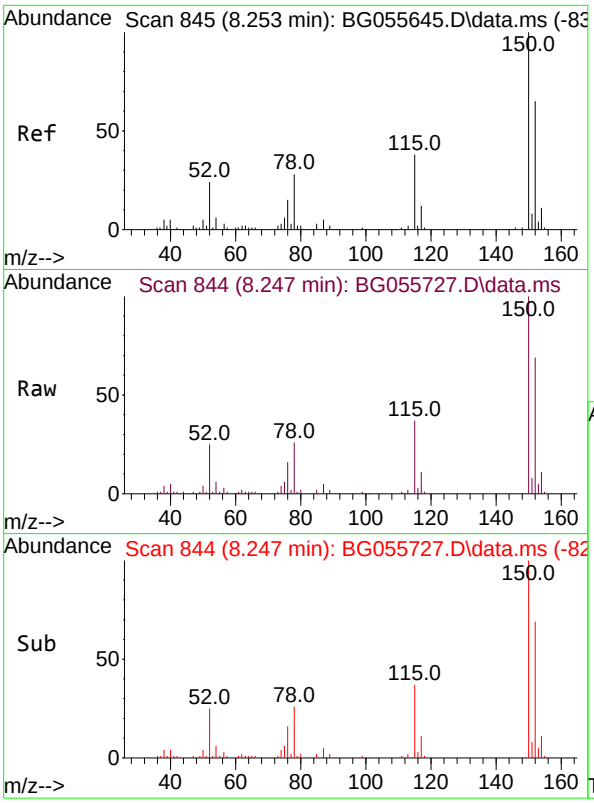


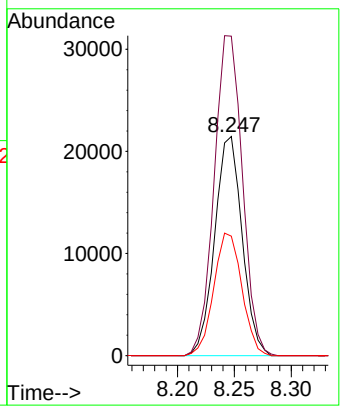


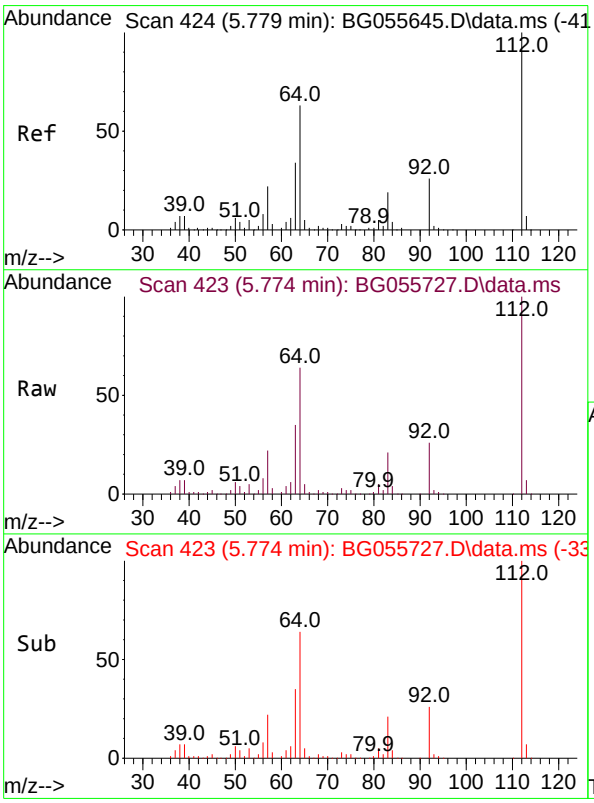
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.247 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055727.D
Acq: 21 Nov 2022 23:11

Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-05

Tgt Ion:152 Resp: 36045

Ion	Ratio	Lower	Upper
152	100		
150	145.8	123.0	184.6
115	54.5	47.0	70.4

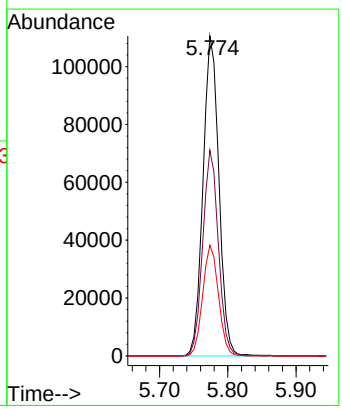


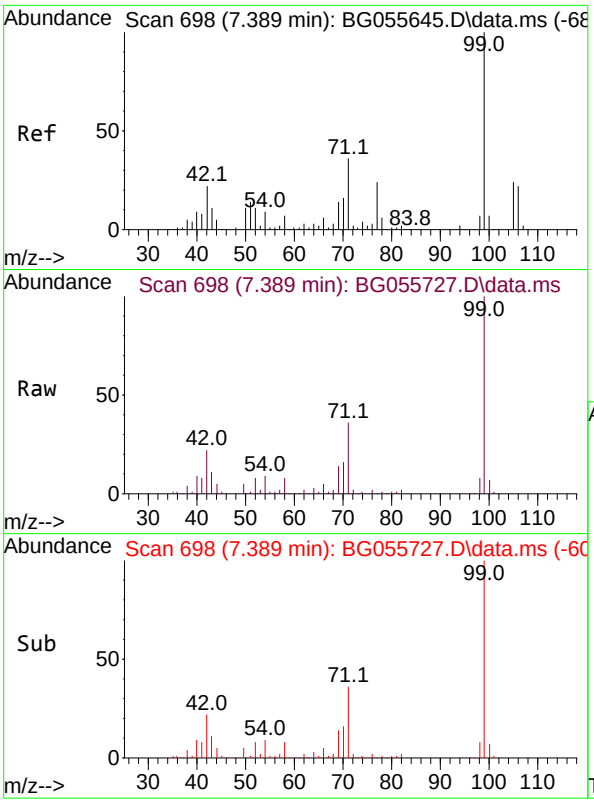


#5
2-Fluorophenol
Concen: 89.747 ng
RT: 5.774 min Scan# 423
Delta R.T. -0.005 min
Lab File: BG055727.D
Acq: 21 Nov 2022 23:11

Tgt Ion:112 Resp: 178971

Ion	Ratio	Lower	Upper
112	100		
64	64.3	50.6	76.0
63	34.6	27.5	41.3



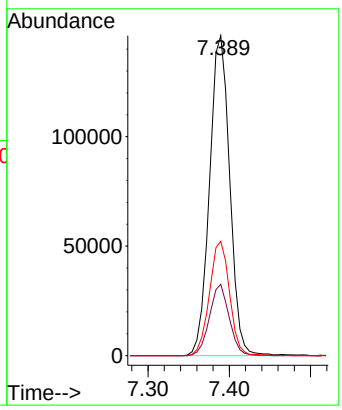


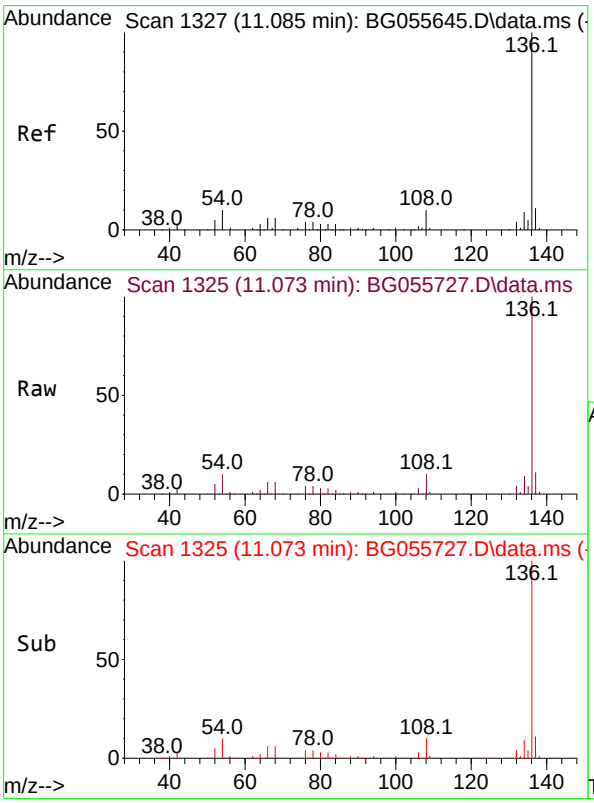
#7
Phenol-d6
Concen: 95.116 ng
RT: 7.389 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG055727.D
Acq: 21 Nov 2022 23:11

Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-05

Tgt Ion: 99 Resp: 252492

Ion	Ratio	Lower	Upper
99	100		
42	22.3	18.0	27.0
71	35.7	29.0	43.6

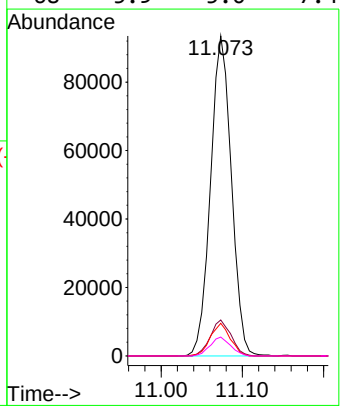


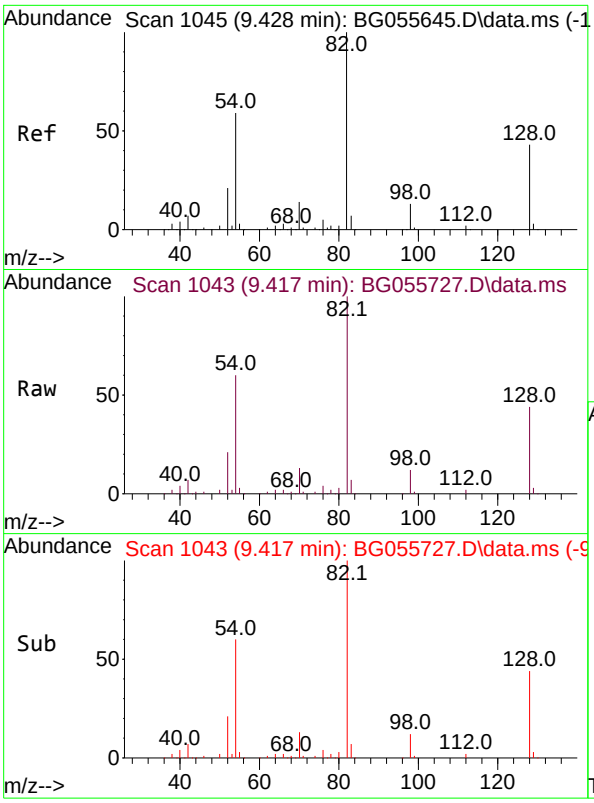


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.073 min Scan# 1325
Delta R.T. -0.011 min
Lab File: BG055727.D
Acq: 21 Nov 2022 23:11

Tgt Ion:136 Resp: 166825

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	10.2	7.8	11.6
68	5.9	5.0	7.4



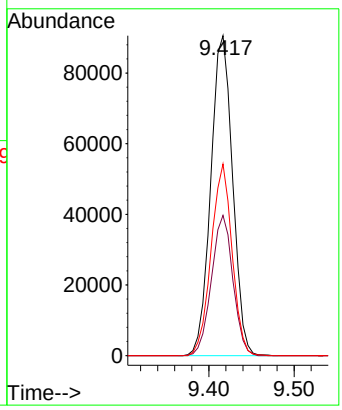


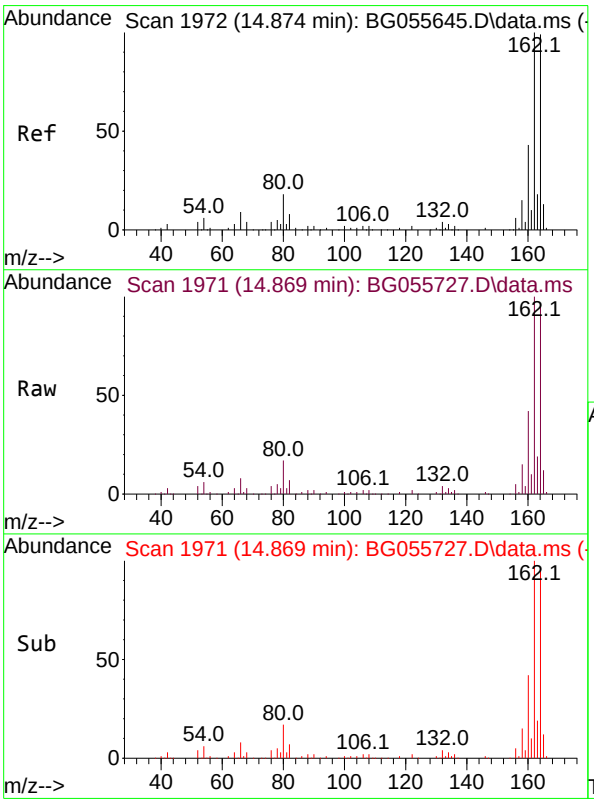
#23
Nitrobenzene-d5
Concen: 50.904 ng
RT: 9.417 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG055727.D
Acq: 21 Nov 2022 23:11

Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-05

Tgt Ion: 82 Resp: 160669

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.1	51.1
54	59.9	47.3	70.9

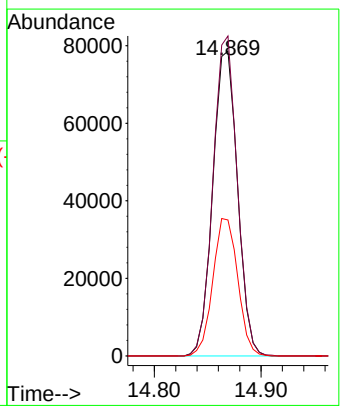


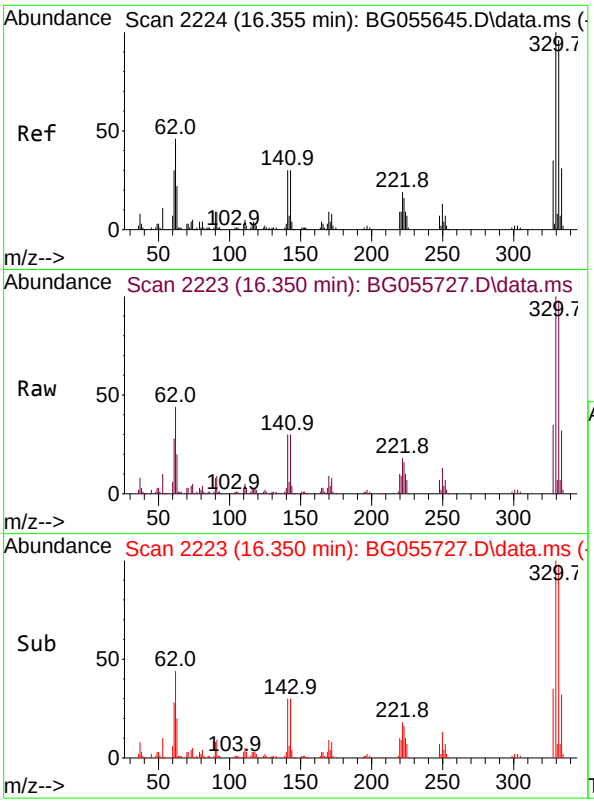


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.869 min Scan# 1971
Delta R.T. -0.005 min
Lab File: BG055727.D
Acq: 21 Nov 2022 23:11

Tgt Ion:164 Resp: 126985

Ion	Ratio	Lower	Upper
164	100		
162	105.0	81.1	121.7
160	44.6	34.8	52.2



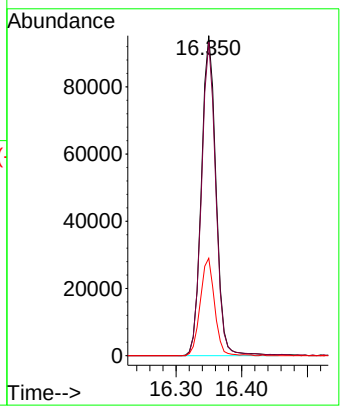


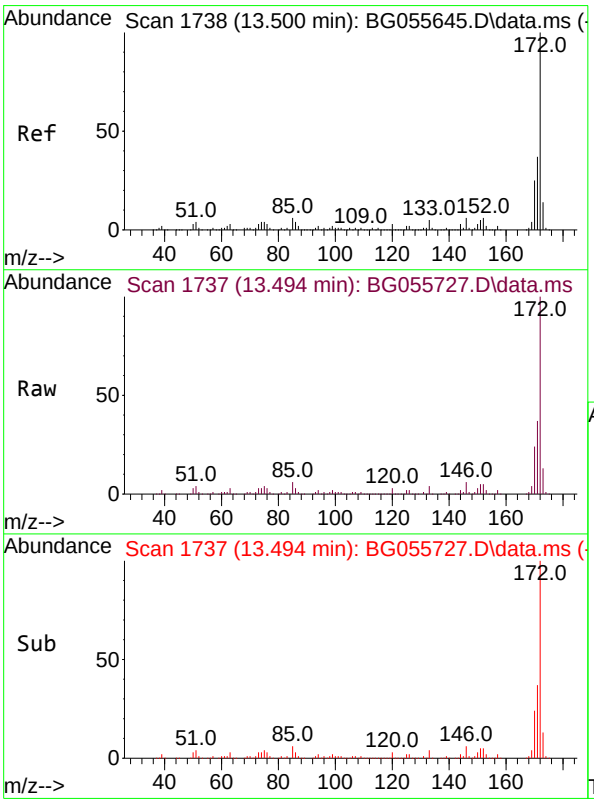
#42
2,4,6-Tribromophenol
Concen: 81.738 ng
RT: 16.350 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG055727.D
Acq: 21 Nov 2022 23:11

Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-05

Tgt Ion:330 Resp: 146157

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.8	116.8
141	29.8	23.9	35.9

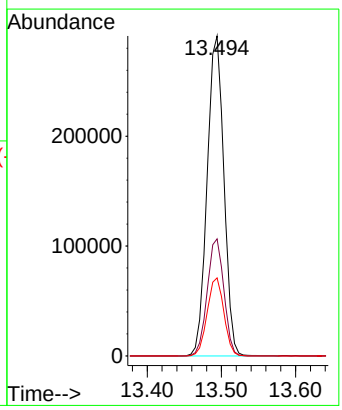


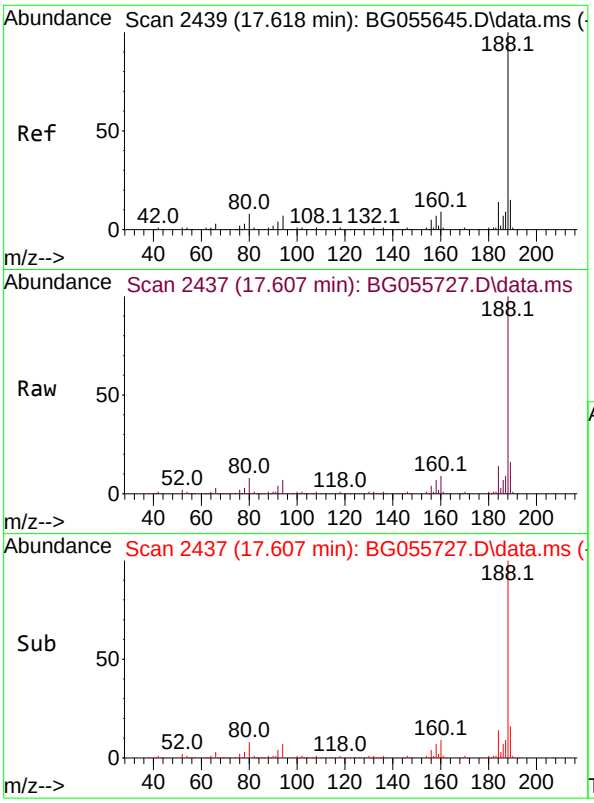


#45
2-Fluorobiphenyl
Concen: 53.867 ng
RT: 13.494 min Scan# 1737
Delta R.T. -0.005 min
Lab File: BG055727.D
Acq: 21 Nov 2022 23:11

Tgt Ion:172 Resp: 456589

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	24.4	20.2	30.4



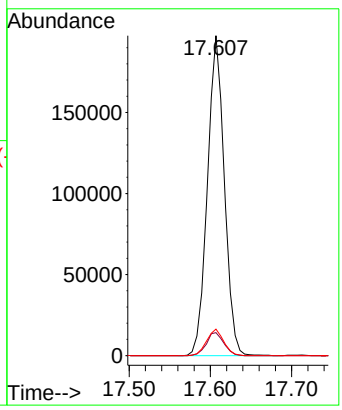


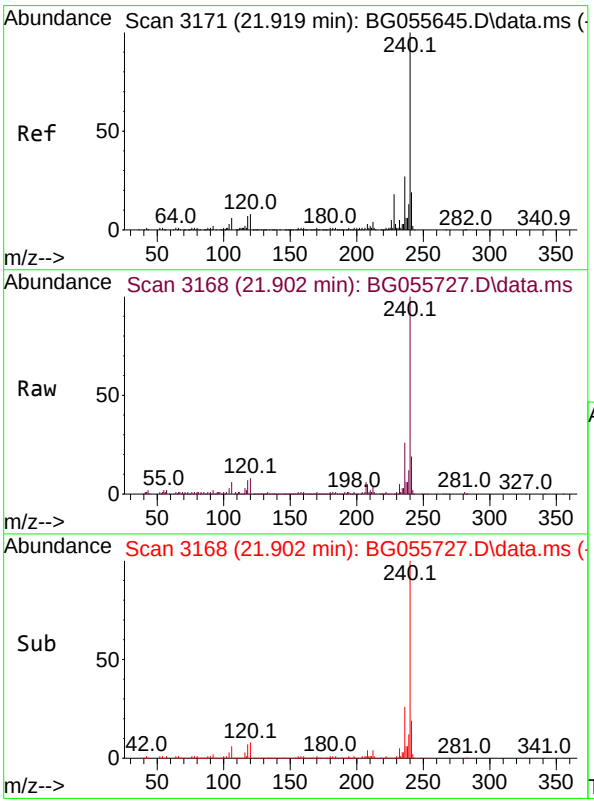
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.607 min Scan# 24
Delta R.T. -0.011 min
Lab File: BG055727.D
Acq: 21 Nov 2022 23:11

Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-05

Tgt Ion:188 Resp: 285808

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.4	8.2
80	8.3	6.6	10.0

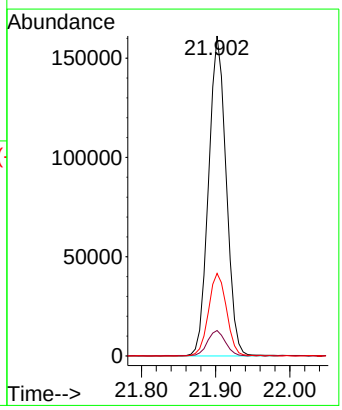


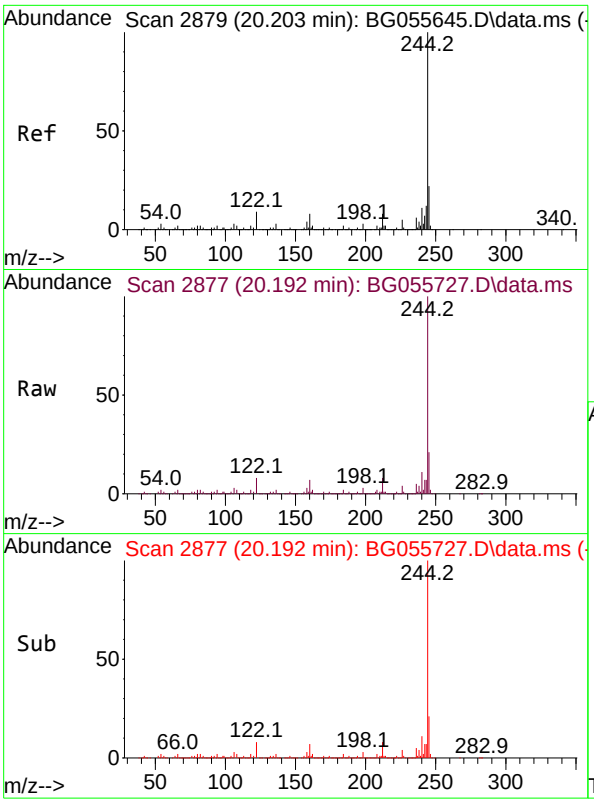


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.902 min Scan# 3168
Delta R.T. -0.017 min
Lab File: BG055727.D
Acq: 21 Nov 2022 23:11

Tgt Ion:240 Resp: 265841

Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.3	9.5
236	25.8	21.9	32.9



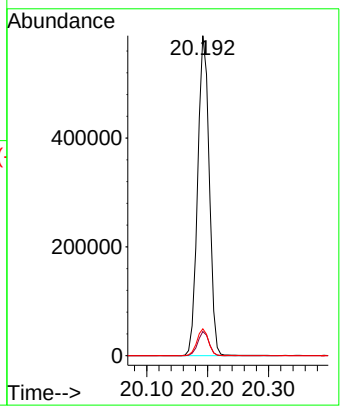


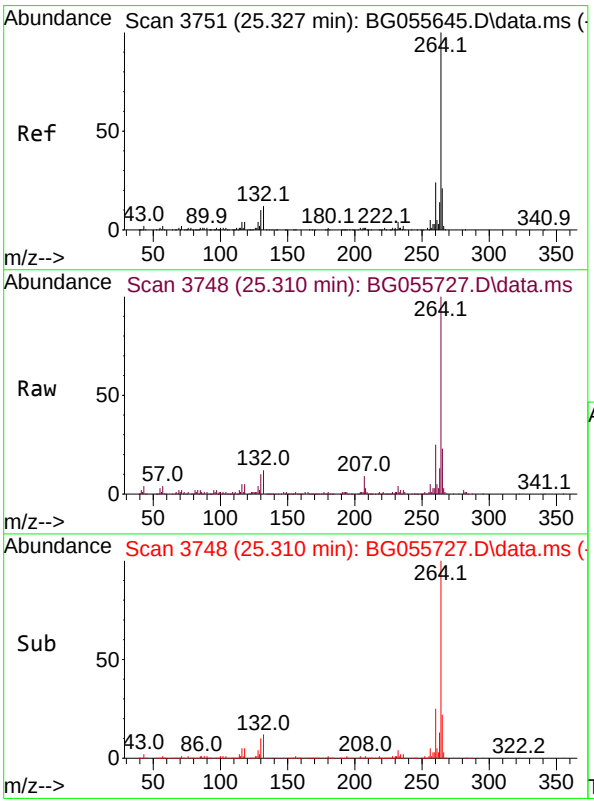
#79
Terphenyl-d14
Concen: 58.290 ng
RT: 20.192 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG055727.D
Acq: 21 Nov 2022 23:11

Instrument :
BNA_G
ClientSampleId :
250FB-BP-BACKFILL-05

Tgt Ion:244 Resp: 774743

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	8.4	6.9	10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.310 min Scan# 3748
Delta R.T. -0.017 min
Lab File: BG055727.D
Acq: 21 Nov 2022 23:11

Tgt Ion:264 Resp: 281409

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.5	29.3
265	22.8	17.1	25.7