Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
Data File : BG060219.D
Acq On : 3 Jan 2024 8:40
Operator : MA/JU
Sample : 05909-13
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GHL-SS-51

Quant Time: Jan 03 14:41:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 30 03:14:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	220271	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	1023101	20.000	ng	0.00
39) Acenaphthene-d10	14.576	164	825948	20.000	ng	0.00
64) Phenanthrene-d10	17.320	188	1989750	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1609101	20.000	ng	0.00
86) Perylene-d12	24.759	264	1791469	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	1431013	98.056	ng	0.00
7) Phenol-d6	7.097	99	1996869	92.155	ng	0.00
23) Nitrobenzene-d5	9.101	82	1150888	51.959	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	887407	80.263	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	2660749	46.299	ng	0.00
79) Terphenyl-d14	19.941	244	3137260	37.483	ng	0.00
Target Compounds						Qvalue

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

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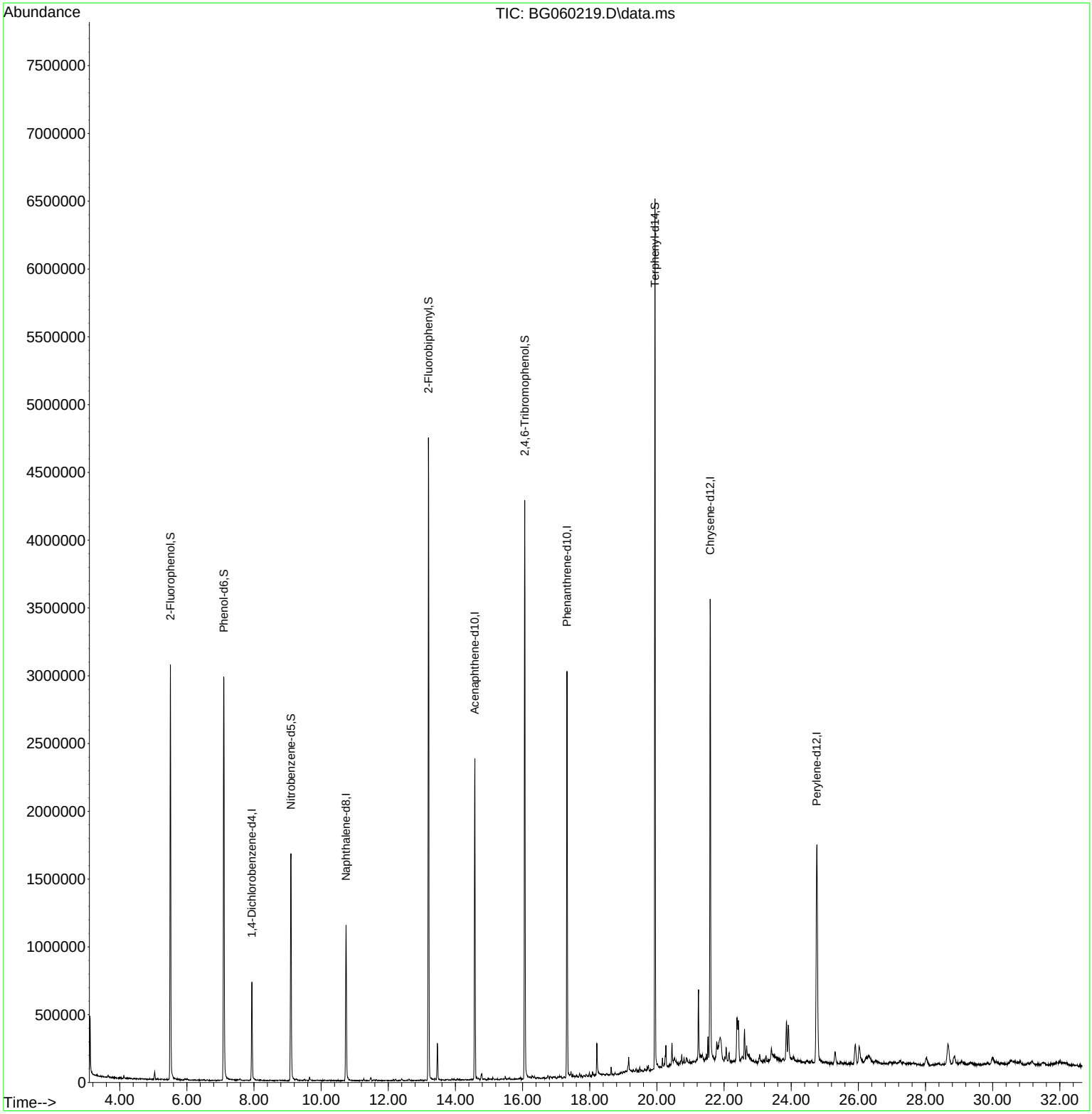
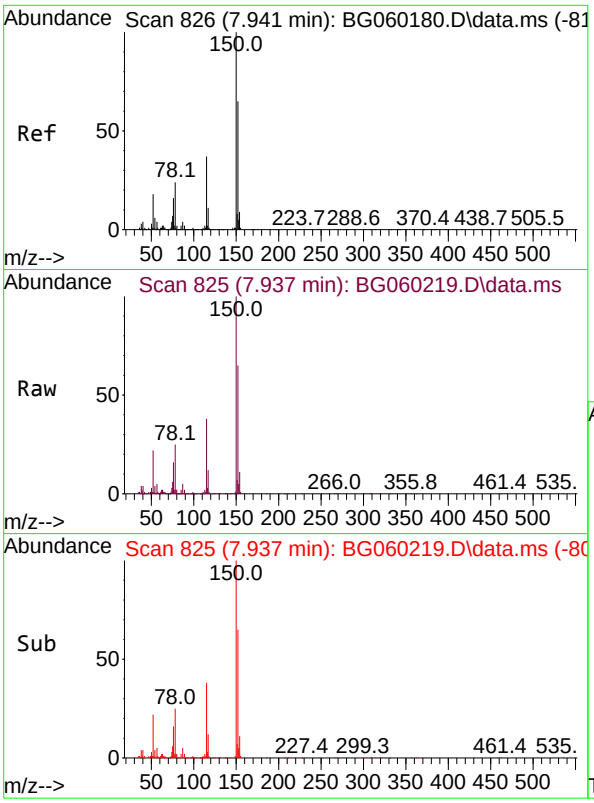


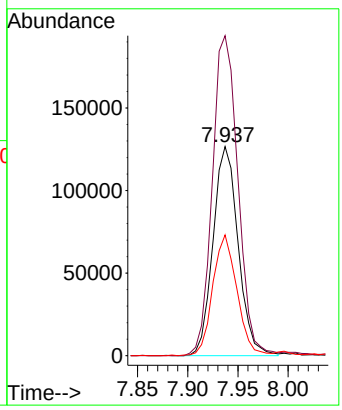


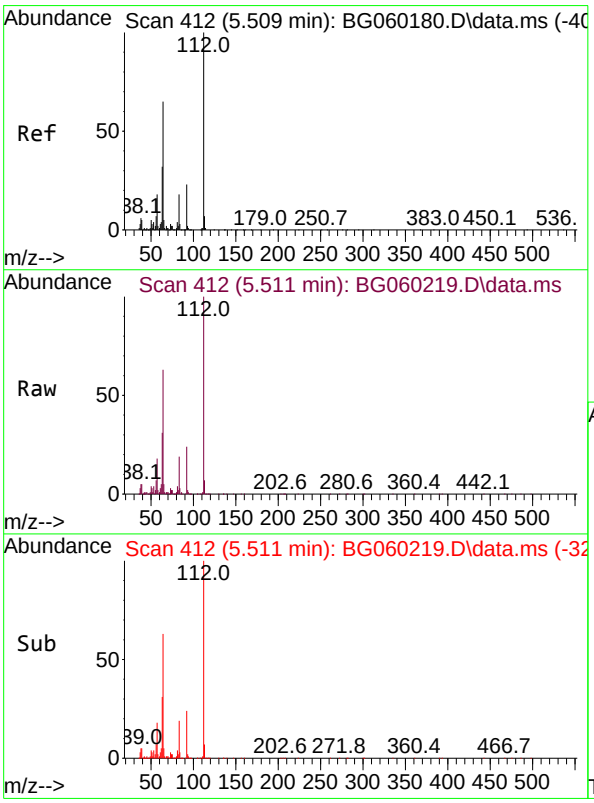
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG060219.D
Acq: 3 Jan 2024 8:40

Instrument :
BNA_G
ClientSampleId :
GHL-SS-51

Tgt Ion:152 Resp: 220271

Ion	Ratio	Lower	Upper
152	100		
150	153.0	123.4	185.0
115	57.7	45.4	68.0

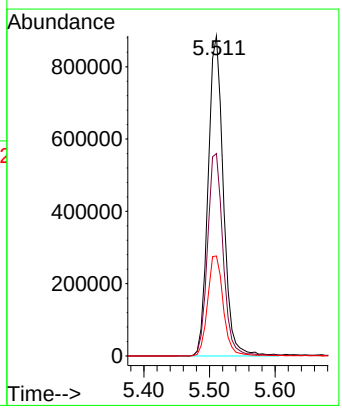


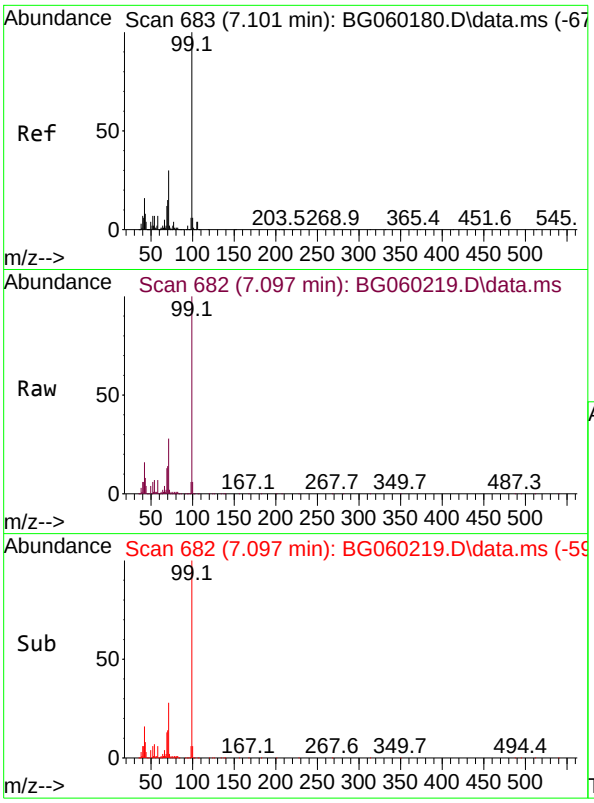


#5
2-Fluorophenol
Concen: 98.056 ng
RT: 5.511 min Scan# 412
Delta R.T. 0.002 min
Lab File: BG060219.D
Acq: 3 Jan 2024 8:40

Tgt Ion:112 Resp: 1431013

Ion	Ratio	Lower	Upper
112	100		
64	63.3	52.2	78.4
63	31.3	25.4	38.0



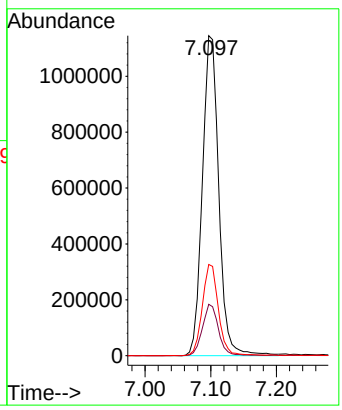


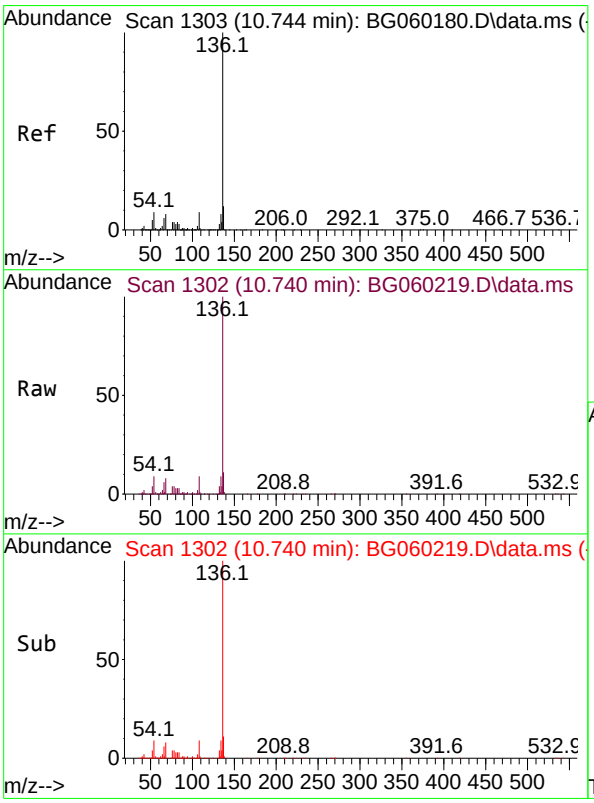
#7
Phenol-d6
Concen: 92.155 ng
RT: 7.097 min Scan# 6
Delta R.T. -0.004 min
Lab File: BG060219.D
Acq: 3 Jan 2024 8:40

Instrument :
BNA_G
ClientSampleId :
GHL-SS-51

Tgt Ion: 99 Resp: 1996869

Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.5	18.7
71	28.5	24.1	36.1

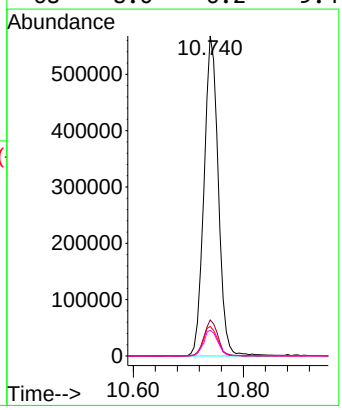


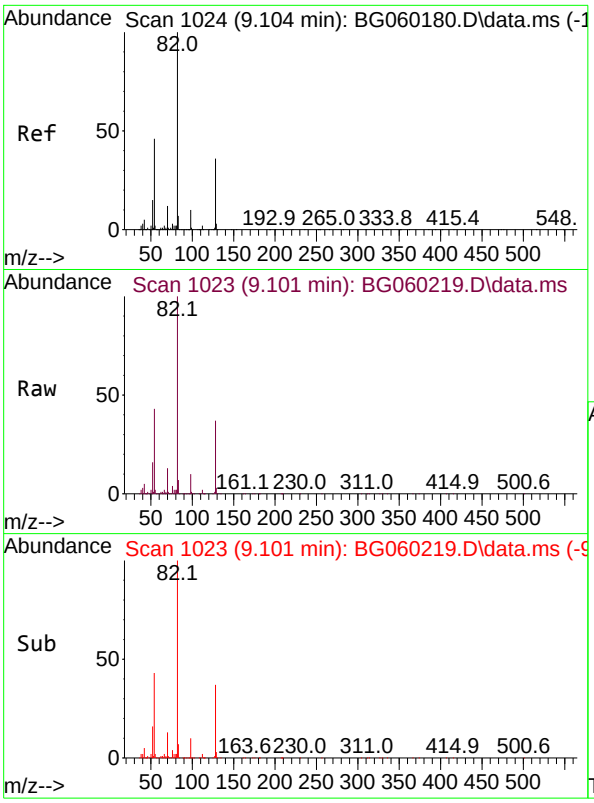


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 1302
Delta R.T. -0.004 min
Lab File: BG060219.D
Acq: 3 Jan 2024 8:40

Tgt Ion:136 Resp: 1023101

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.4	14.0
54	9.2	7.4	11.2
68	8.0	6.2	9.4



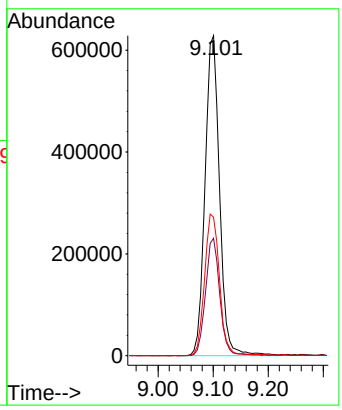


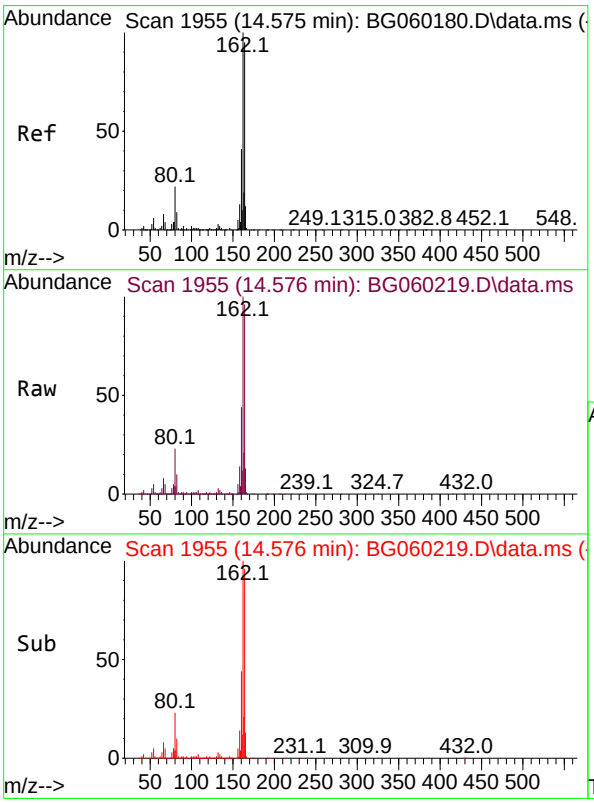
#23
Nitrobenzene-d5
Concen: 51.959 ng
RT: 9.101 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG060219.D
Acq: 3 Jan 2024 8:40

Instrument :
BNA_G
ClientSampleId :
GHL-SS-51

Tgt Ion: 82 Resp: 1150888

Ion	Ratio	Lower	Upper
82	100		
128	36.7	28.7	43.1
54	43.3	36.9	55.3

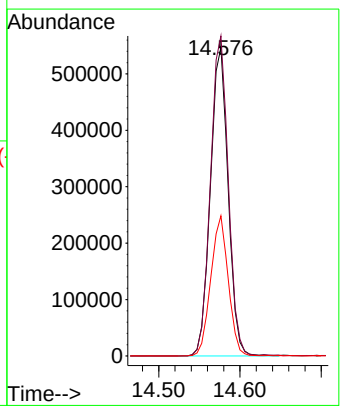


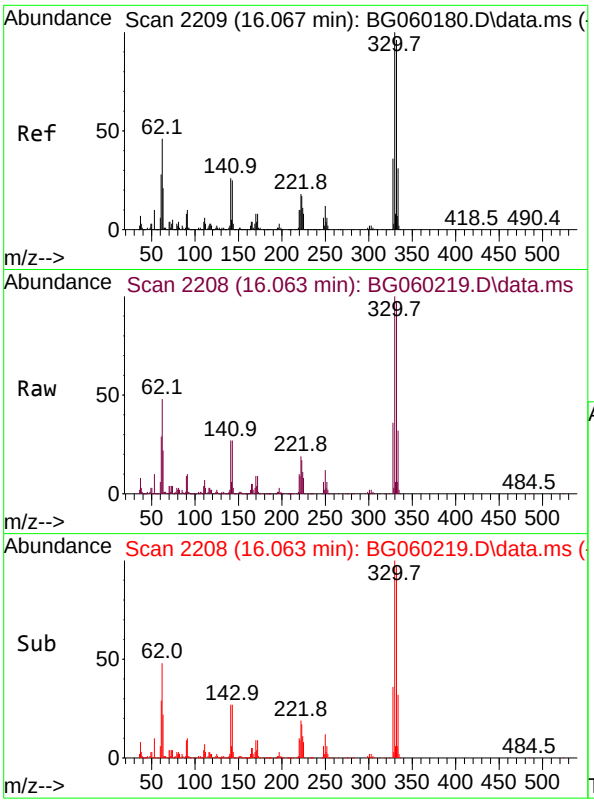


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.576 min Scan# 1955
Delta R.T. 0.002 min
Lab File: BG060219.D
Acq: 3 Jan 2024 8:40

Tgt Ion:164 Resp: 825948

Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.9	125.9
160	45.4	34.2	51.4



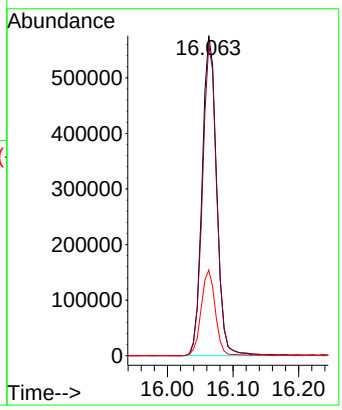


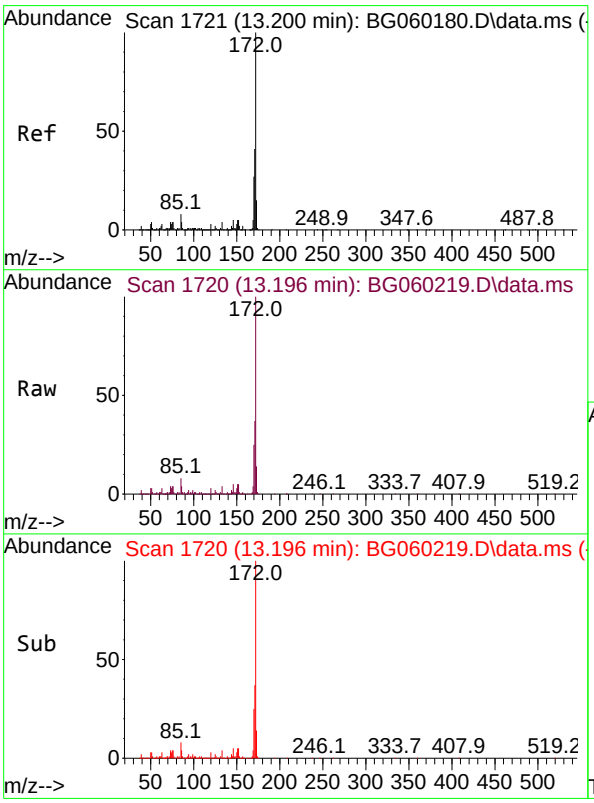
#42
2,4,6-Tribromophenol
Concen: 80.263 ng
RT: 16.063 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG060219.D
Acq: 3 Jan 2024 8:40

Instrument :
BNA_G
ClientSampleId :
GHL-SS-51

Tgt Ion:330 Resp: 887407

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.7	115.1
141	26.3	21.0	31.4

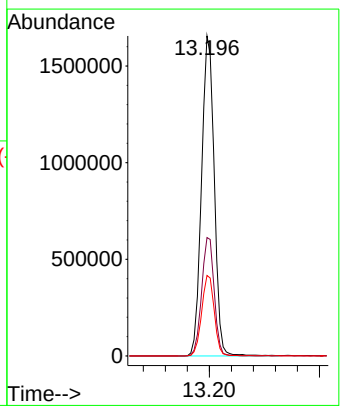


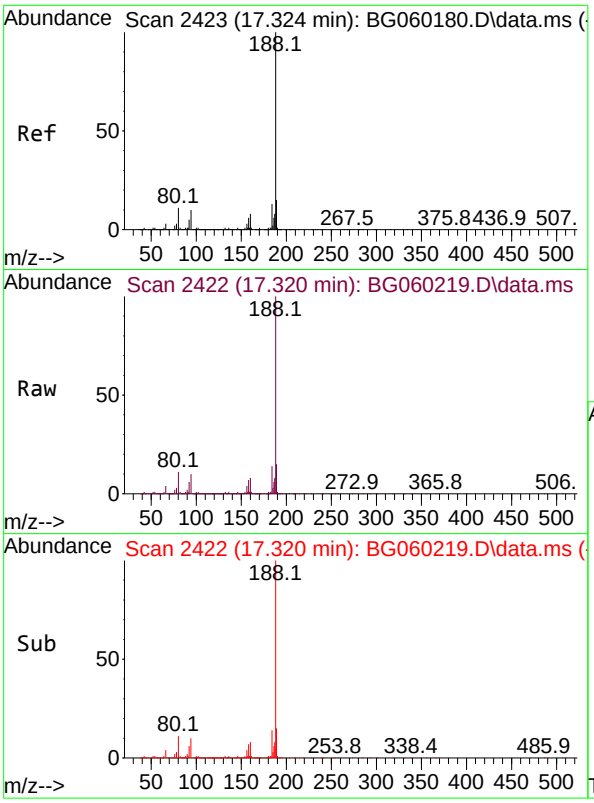


#45
2-Fluorobiphenyl
Concen: 46.299 ng
RT: 13.196 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BG060219.D
Acq: 3 Jan 2024 8:40

Tgt Ion:172 Resp: 2660749

Ion	Ratio	Lower	Upper
172	100		
171	37.0	32.6	48.8
170	25.2	21.8	32.6



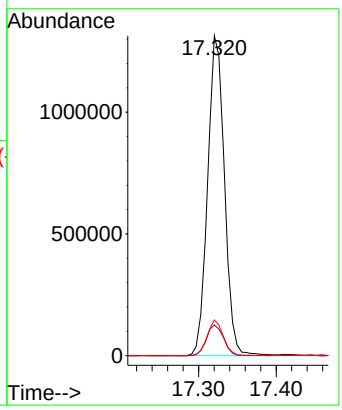


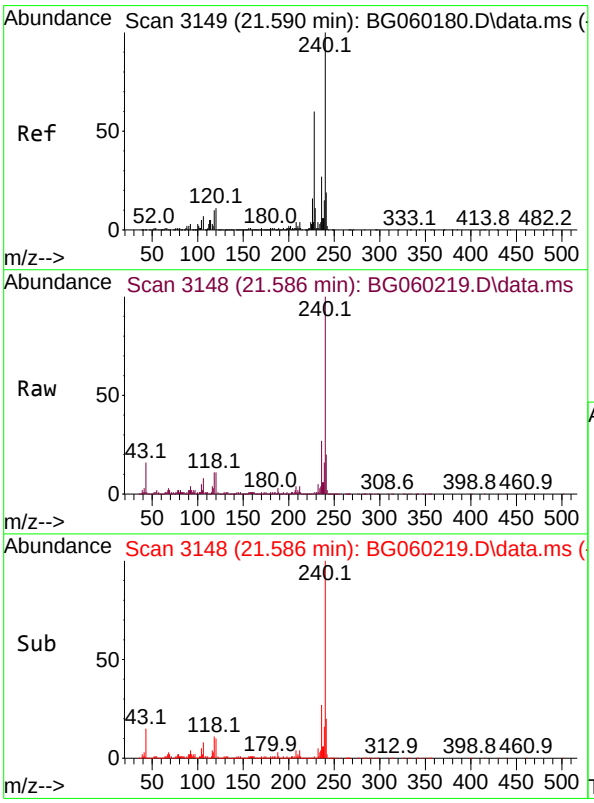
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.320 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG060219.D
Acq: 3 Jan 2024 8:40

Instrument :
BNA_G
ClientSampleId :
GHL-SS-51

Tgt Ion:188 Resp: 1989750

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.8	11.6
80	11.1	8.6	13.0

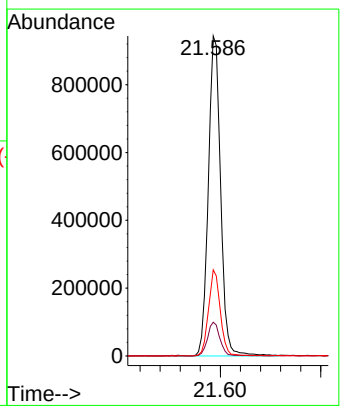


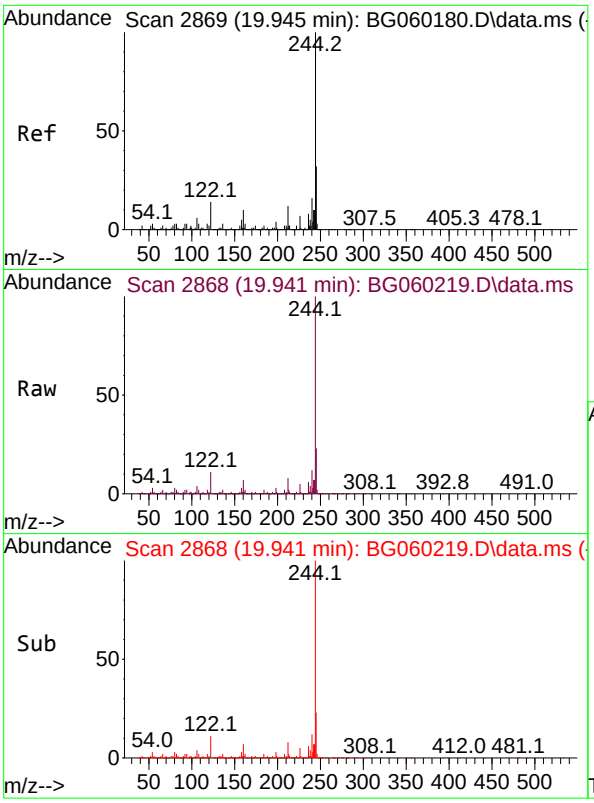


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.586 min Scan# 3148
Delta R.T. -0.004 min
Lab File: BG060219.D
Acq: 3 Jan 2024 8:40

Tgt Ion:240 Resp: 1609101

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.5	12.7
236	26.9	21.4	32.2



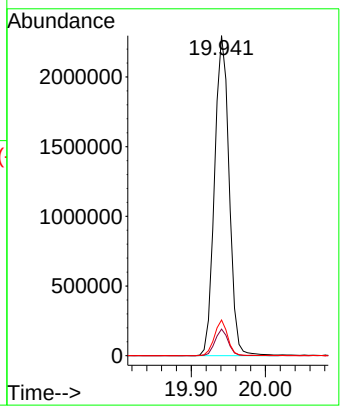


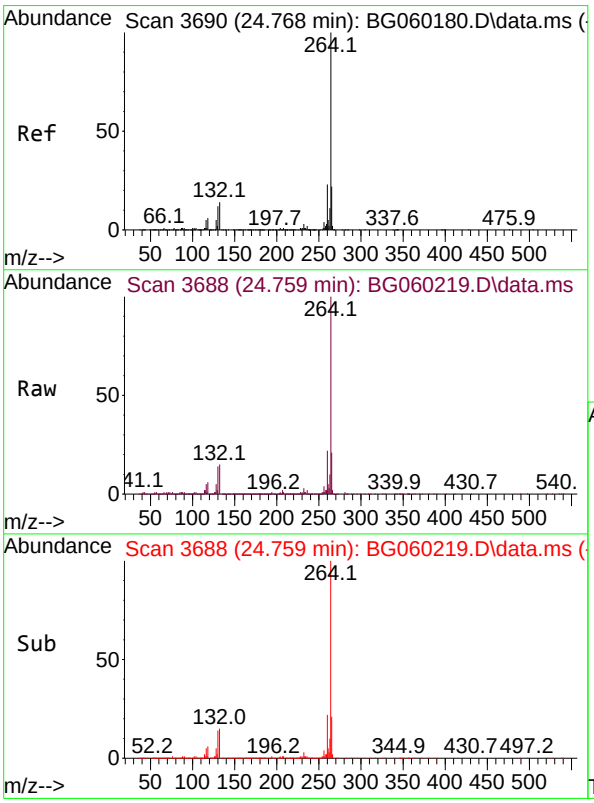
#79
Terphenyl-d14
Concen: 37.483 ng
RT: 19.941 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG060219.D
Acq: 3 Jan 2024 8:40

Instrument :
BNA_G
ClientSampleId :
GHL-SS-51

Tgt Ion:244 Resp: 3137260

Ion	Ratio	Lower	Upper
244	100		
212	8.3	9.5	14.3#
122	11.2	11.4	17.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.759 min Scan# 3688
Delta R.T. -0.010 min
Lab File: BG060219.D
Acq: 3 Jan 2024 8:40

Tgt Ion:264 Resp: 1791469

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.0	27.0
265	20.6	17.4	26.0