Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090424\
Data File : BG062655.D
Acq On : 4 Sep 2024 23:45
Operator : MA/JU
Sample : PB163110BL
Misc : LOD-MDL-WATER-8 ng
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB163110BL

Quant Time: Sep 05 04:55:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 02:36:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	61071	20.000	ng	0.00
21) Naphthalene-d8	10.715	136	233716	20.000	ng	0.00
39) Acenaphthene-d10	14.546	164	185610	20.000	ng	0.00
64) Phenanthrene-d10	17.283	188	547717	20.000	ng	0.00
76) Chrysene-d12	21.531	240	613837	20.000	ng	0.00
86) Perylene-d12	24.598	264	697630	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	434714	123.040	ng	0.00
7) Phenol-d6	7.090	99	595704	116.712	ng	0.00
23) Nitrobenzene-d5	9.075	82	364332	83.955	ng	0.00
42) 2,4,6-Tribromophenol	16.032	330	356115	136.332	ng	0.00
45) 2-Fluorobiphenyl	13.165	172	935504	81.640	ng	0.00
79) Terphenyl-d14	19.904	244	2483163	80.212	ng	0.00
Target Compounds						Qvalue

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

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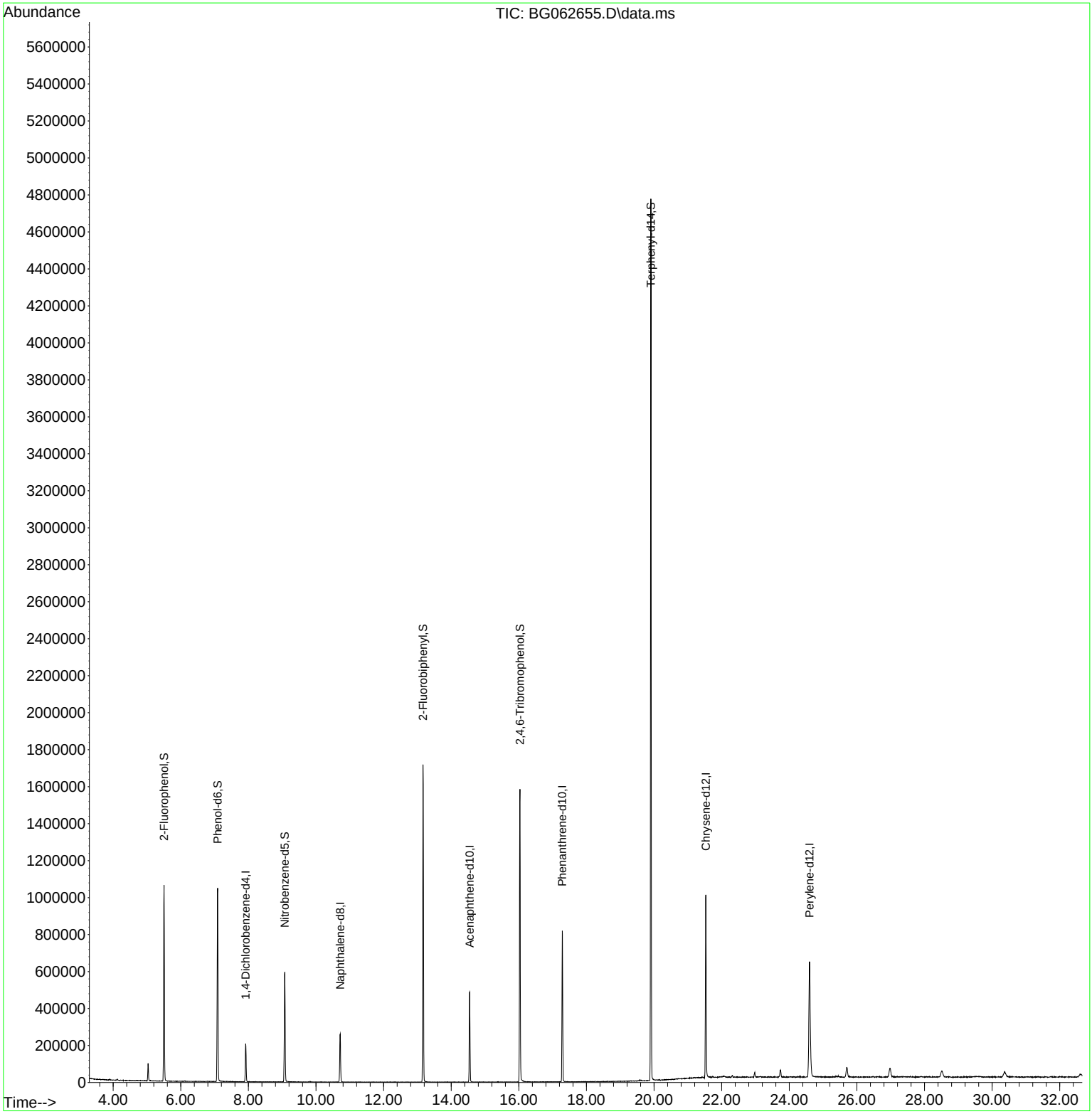
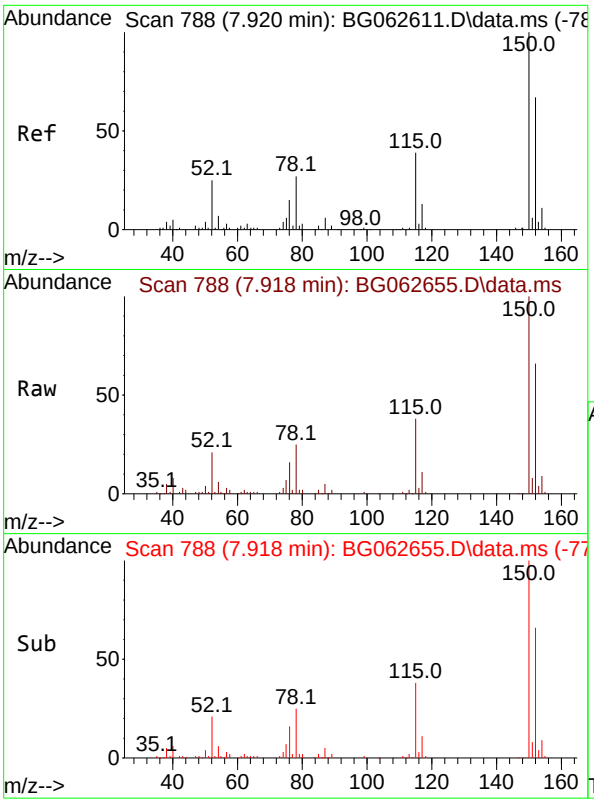


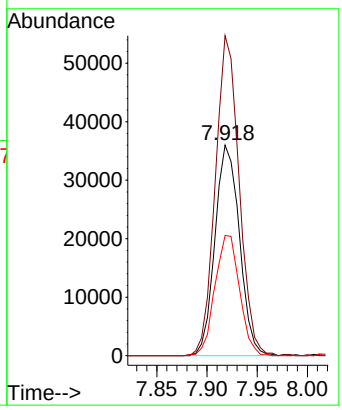


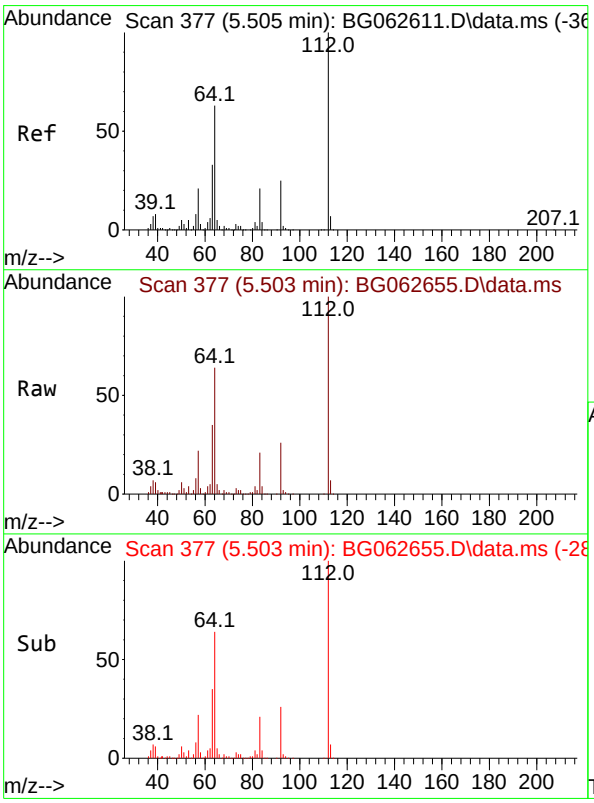
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.918 min Scan# 78
Delta R.T. -0.002 min
Lab File: BG062655.D
Acq: 4 Sep 2024 23:45

Instrument :
BNA_G
ClientSampleId :
PB163110BL

Tgt Ion:152 Resp: 61071

Ion	Ratio	Lower	Upper
152	100		
150	152.0	119.9	179.9
115	57.1	46.6	69.8

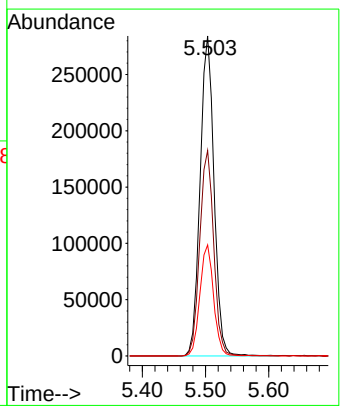


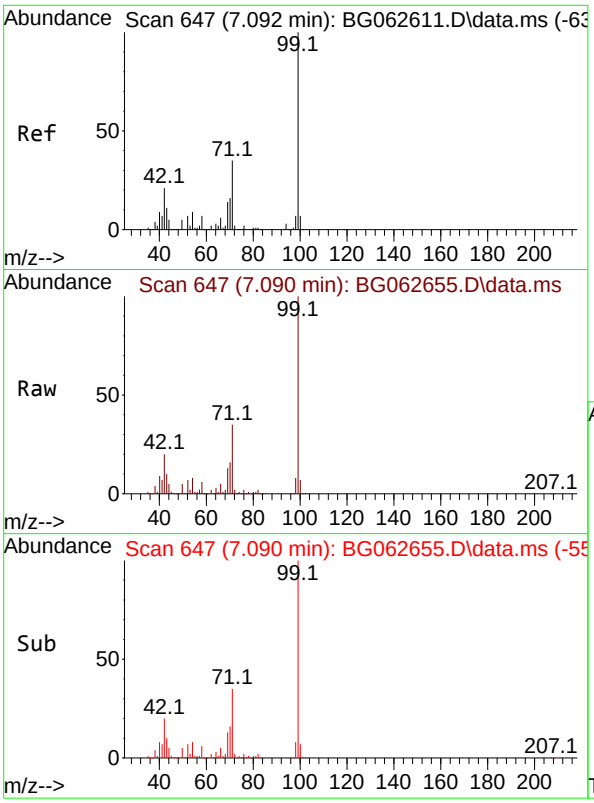


#5
2-Fluorophenol
Concen: 123.040 ng
RT: 5.503 min Scan# 377
Delta R.T. -0.002 min
Lab File: BG062655.D
Acq: 4 Sep 2024 23:45

Tgt Ion:112 Resp: 434714

Ion	Ratio	Lower	Upper
112	100		
64	64.2	50.2	75.2
63	34.7	26.6	39.8



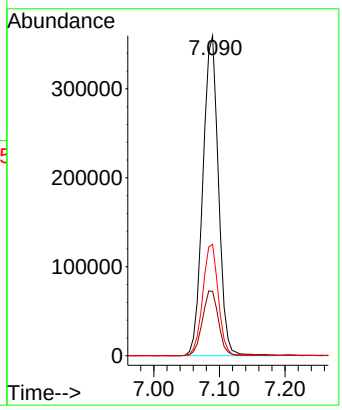


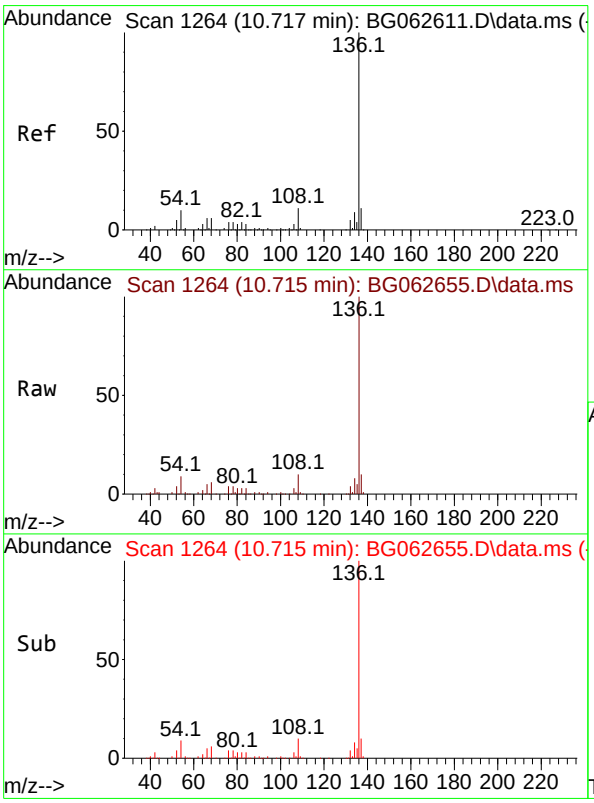
#7
Phenol-d6
Concen: 116.712 ng
RT: 7.090 min Scan# 64
Delta R.T. -0.002 min
Lab File: BG062655.D
Acq: 4 Sep 2024 23:45

Instrument :
BNA_G
ClientSampleId :
PB163110BL

Tgt Ion: 99 Resp: 595704

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.9	25.3
71	34.8	27.9	41.9

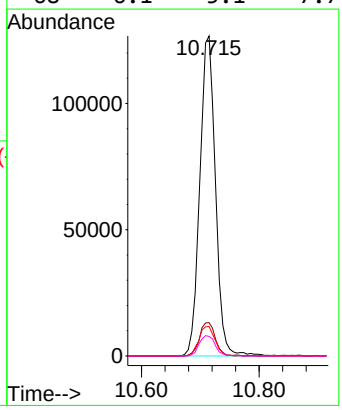


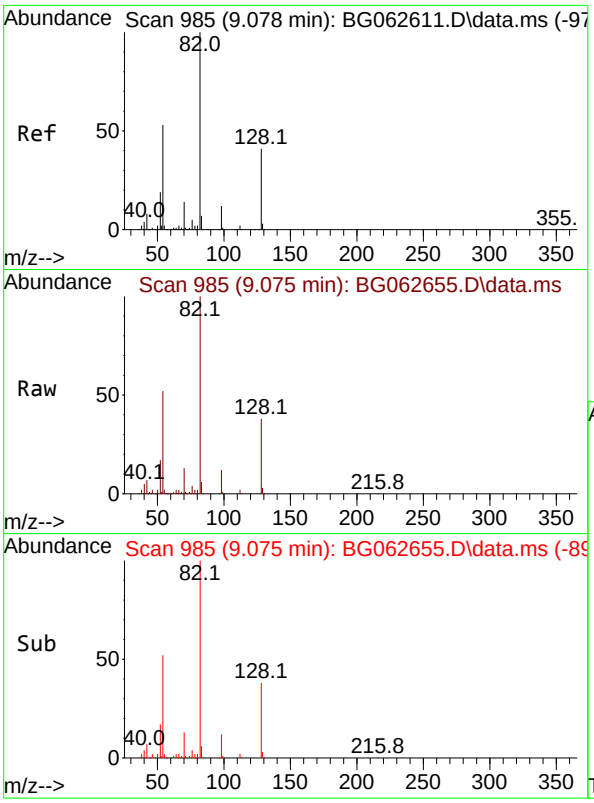


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.715 min Scan# 1264
Delta R.T. -0.002 min
Lab File: BG062655.D
Acq: 4 Sep 2024 23:45

Tgt Ion:136 Resp: 233716

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.4
54	9.2	7.8	11.6
68	6.1	5.1	7.7



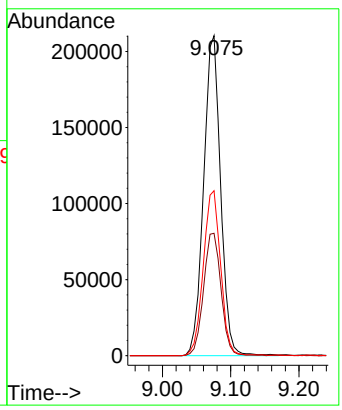


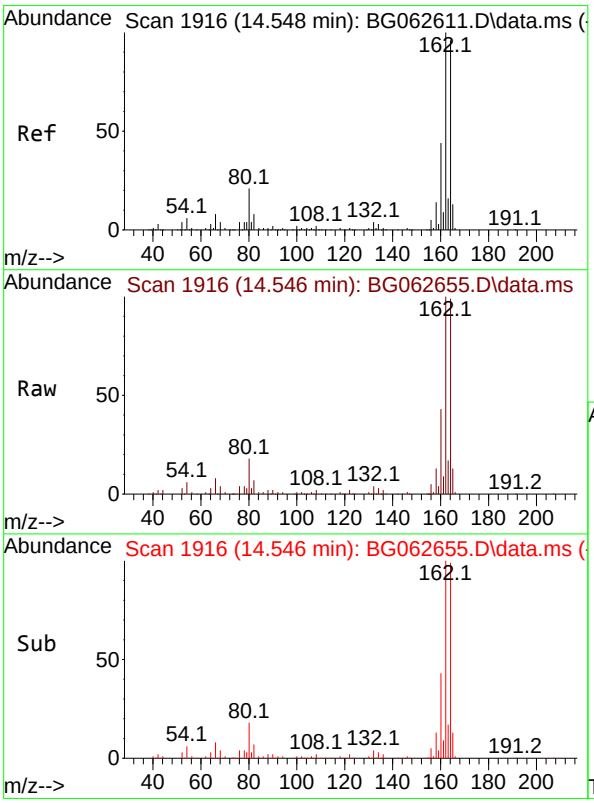
#23
Nitrobenzene-d5
Concen: 83.955 ng
RT: 9.075 min Scan# 9
Delta R.T. -0.002 min
Lab File: BG062655.D
Acq: 4 Sep 2024 23:45

Instrument :
BNA_G
ClientSampleId :
PB163110BL

Tgt Ion: 82 Resp: 364332

Ion	Ratio	Lower	Upper
82	100		
128	38.2	32.5	48.7
54	51.5	42.5	63.7

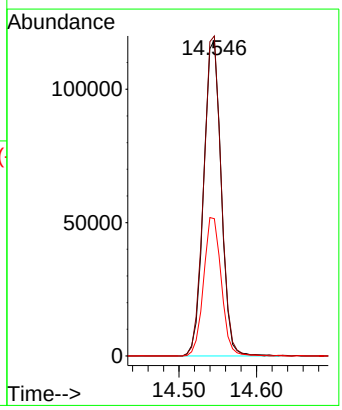


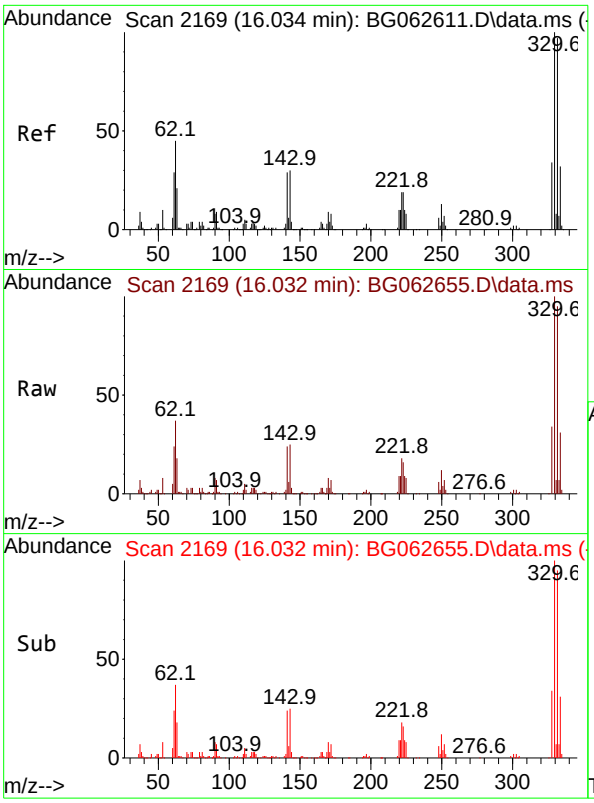


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.546 min Scan# 1916
Delta R.T. -0.002 min
Lab File: BG062655.D
Acq: 4 Sep 2024 23:45

Tgt Ion:164 Resp: 185610

Ion	Ratio	Lower	Upper
164	100		
162	101.3	83.1	124.7
160	43.5	36.2	54.4



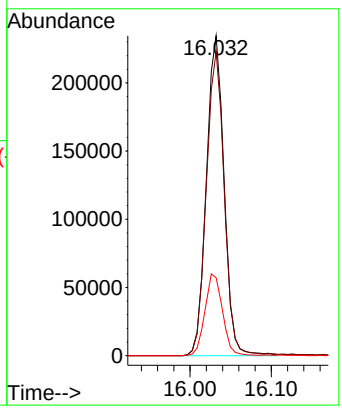


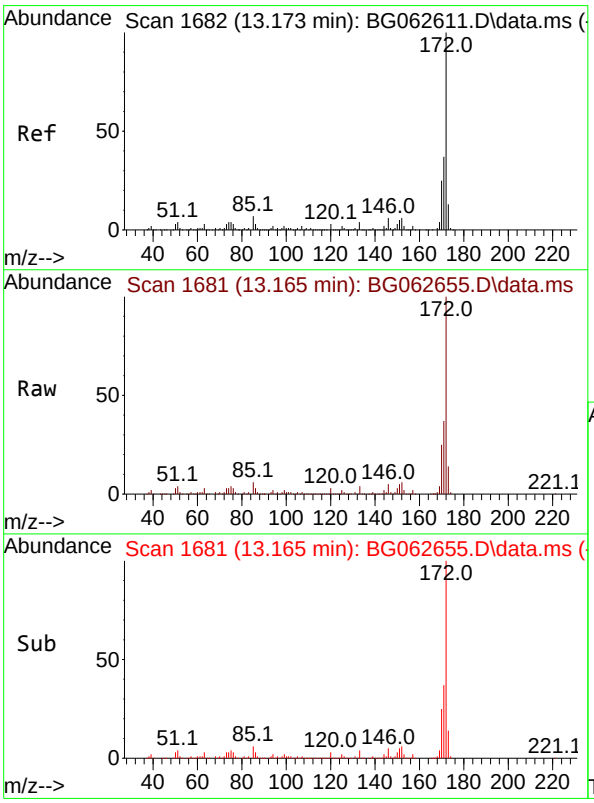
#42
2,4,6-Tribromophenol
Concen: 136.332 ng
RT: 16.032 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG062655.D
Acq: 4 Sep 2024 23:45

Instrument :
BNA_G
ClientSampleId :
PB163110BL

Tgt Ion:330 Resp: 356115

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.2	115.8
141	25.2	22.2	33.4

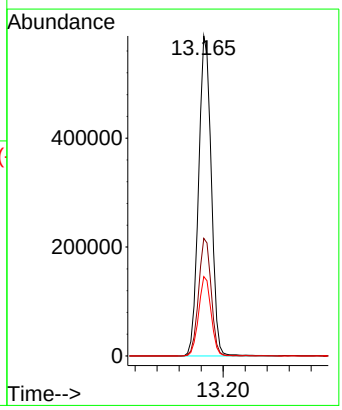


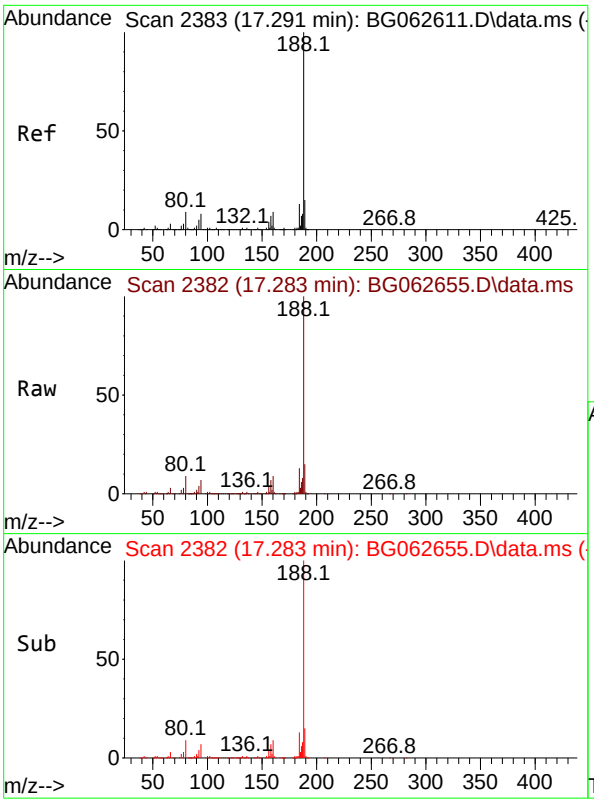


#45
2-Fluorobiphenyl
Concen: 81.640 ng
RT: 13.165 min Scan# 1681
Delta R.T. -0.008 min
Lab File: BG062655.D
Acq: 4 Sep 2024 23:45

Tgt Ion:172 Resp: 935504

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.8	20.0	30.0



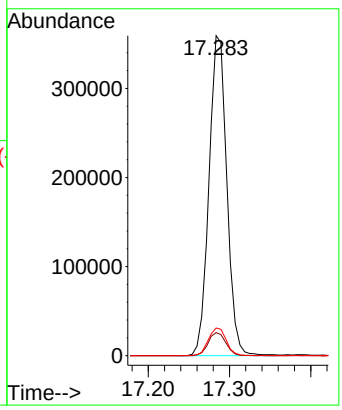


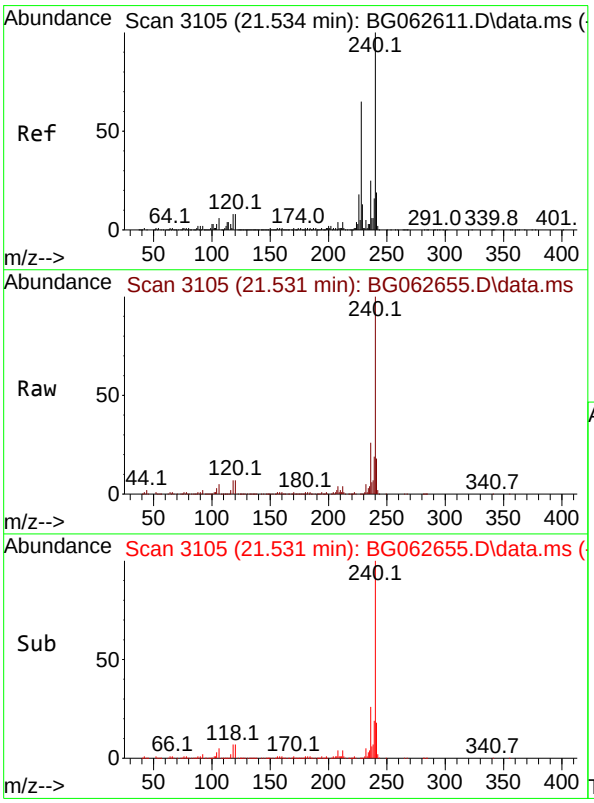
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.283 min Scan# 2
Delta R.T. -0.008 min
Lab File: BG062655.D
Acq: 4 Sep 2024 23:45

Instrument :
BNA_G
ClientSampleId :
PB163110BL

Tgt Ion:188 Resp: 547717

Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.3	9.5
80	8.7	7.0	10.4

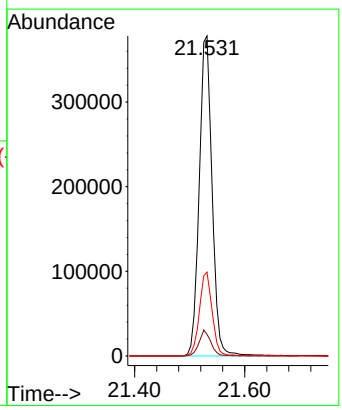


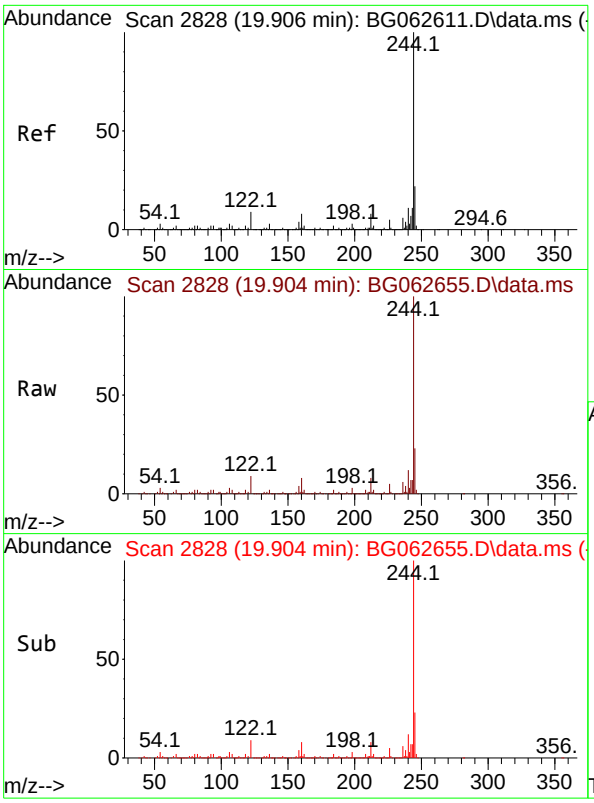


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.531 min Scan# 3105
Delta R.T. -0.002 min
Lab File: BG062655.D
Acq: 4 Sep 2024 23:45

Tgt Ion:240 Resp: 613837

Ion	Ratio	Lower	Upper
240	100		
120	6.7	6.6	9.8
236	26.2	20.2	30.4



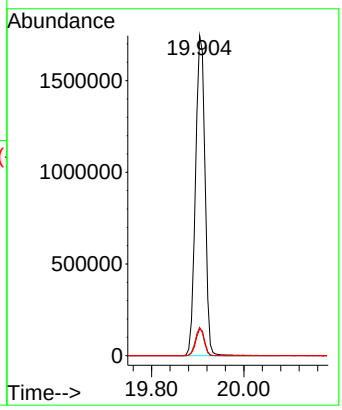


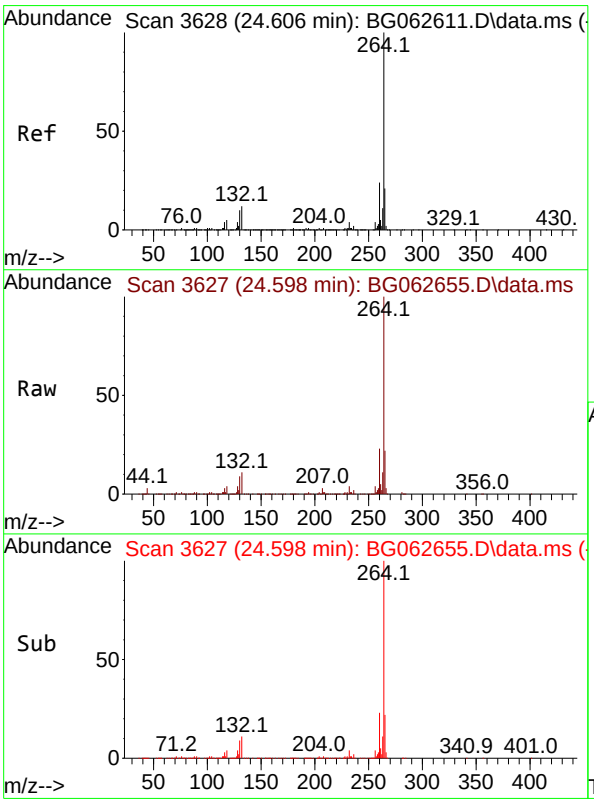
#79
Terphenyl-d14
Concen: 80.212 ng
RT: 19.904 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG062655.D
Acq: 4 Sep 2024 23:45

Instrument :
BNA_G
ClientSampleId :
PB163110BL

Tgt Ion:244 Resp: 2483163

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.6	10.0
122	8.8	7.2	10.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.598 min Scan# 3627
Delta R.T. -0.008 min
Lab File: BG062655.D
Acq: 4 Sep 2024 23:45

Tgt Ion:264 Resp: 697630

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	22.4	17.3	25.9