Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090324\
Data File : BG062629.D
Acq On : 3 Sep 2024 17:11
Operator : MA/JU
Sample : PB162517BL
Misc : LOQ--WATER-5ng
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB162517BL

Quant Time: Sep 04 04:32:49 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	7.920	152	49358	20.000	ng	0.00
21) Naphthalene-d8	10.711	136	202205	20.000	ng	0.00
39) Acenaphthene-d10	14.541	164	165515	20.000	ng	0.00
64) Phenanthrene-d10	17.285	188	491483	20.000	ng	0.00
76) Chrysene-d12	21.533	240	532564	20.000	ng	0.00
86) Perylene-d12	24.600	264	601427	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	385184	134.893	ng	0.00
7) Phenol-d6	7.085	99	505900	122.638	ng	0.00
23) Nitrobenzene-d5	9.071	82	305088	81.259	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	308085	132.264	ng	0.00
45) 2-Fluorobiphenyl	13.167	172	837029	81.915	ng	0.00
79) Terphenyl-d14	19.906	244	2206185	82.140	ng	0.00
Target Compounds						Qvalue

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

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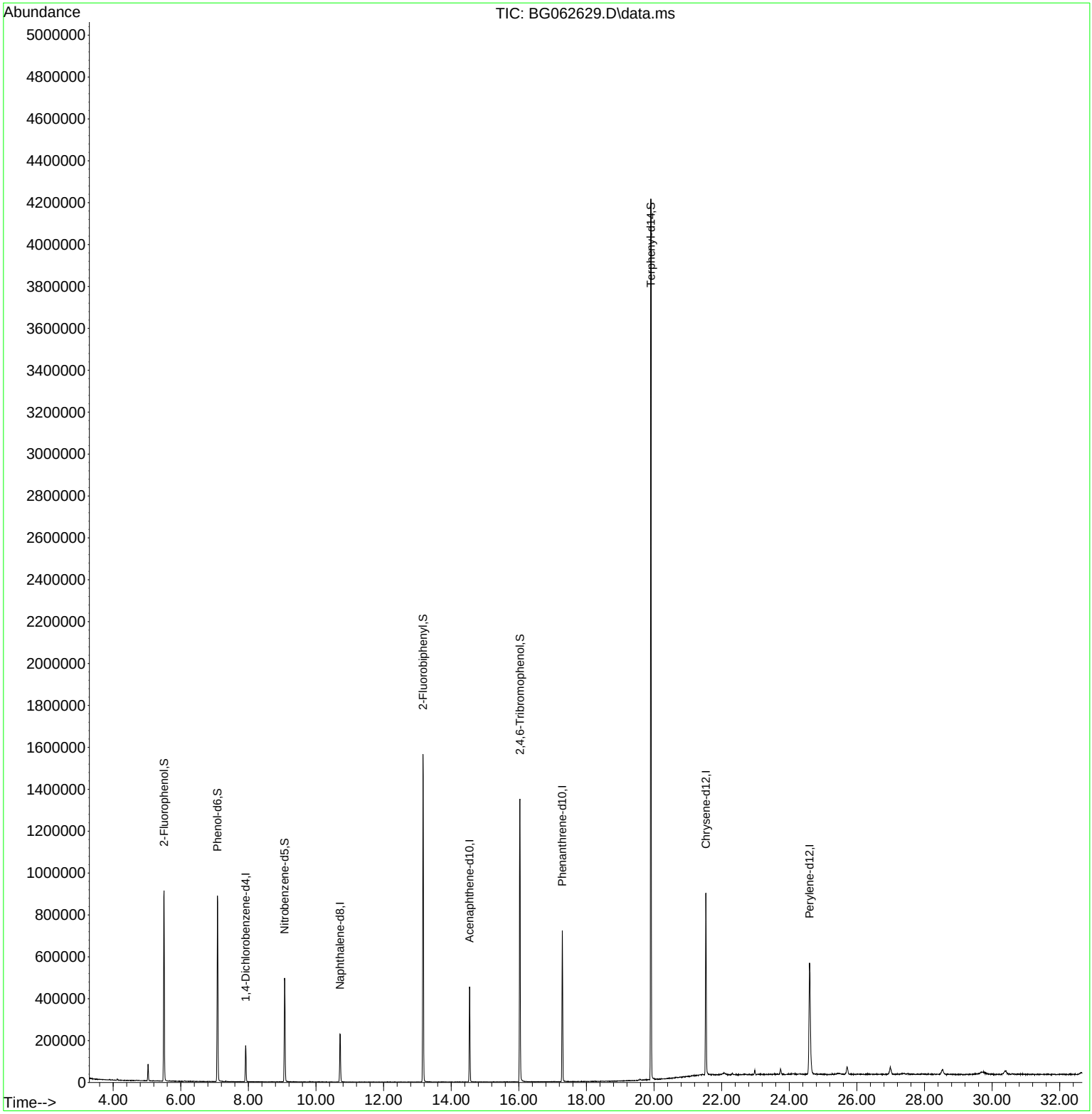
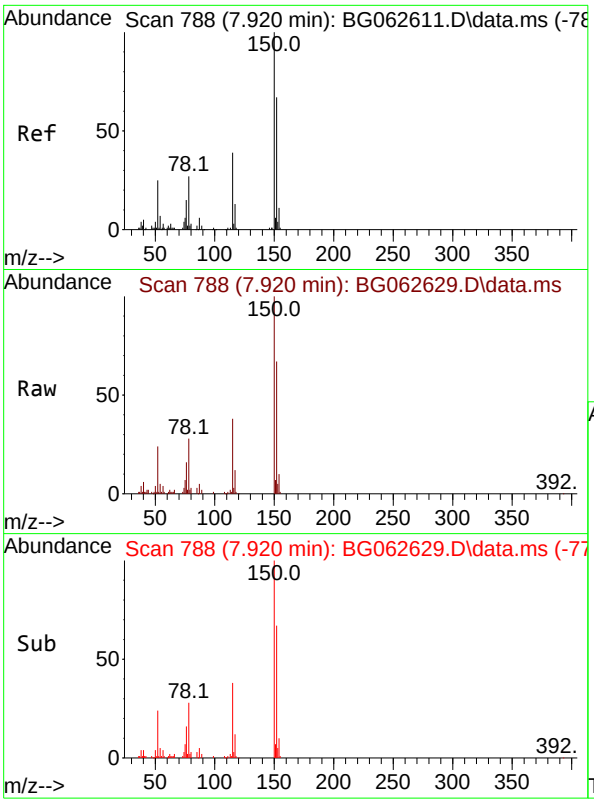


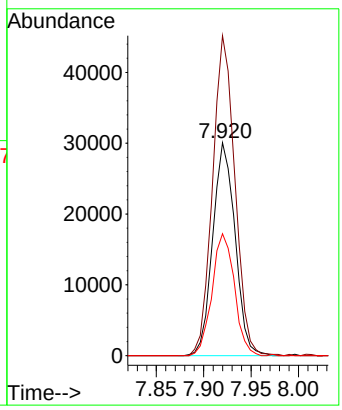


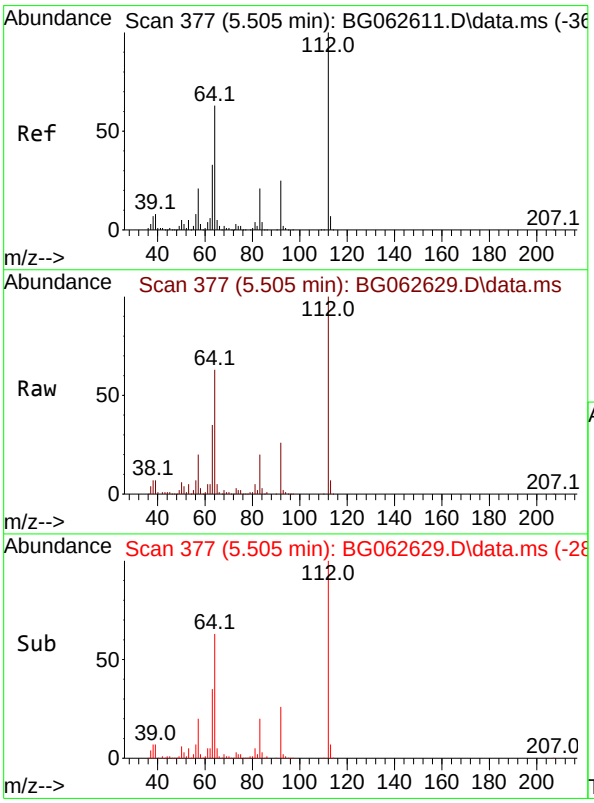
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.920 min Scan# 78
Delta R.T. -0.000 min
Lab File: BG062629.D
Acq: 3 Sep 2024 17:11

Instrument :
BNA_G
ClientSampleId :
PB162517BL

Tgt Ion:152 Resp: 49358

Ion	Ratio	Lower	Upper
152	100		
150	150.3	119.9	179.9
115	57.3	46.6	69.8

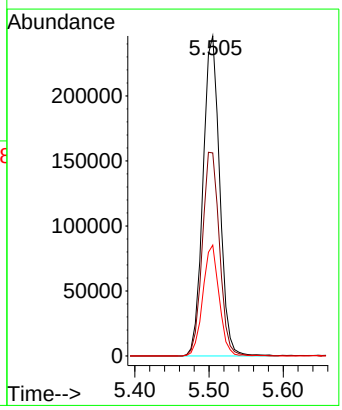


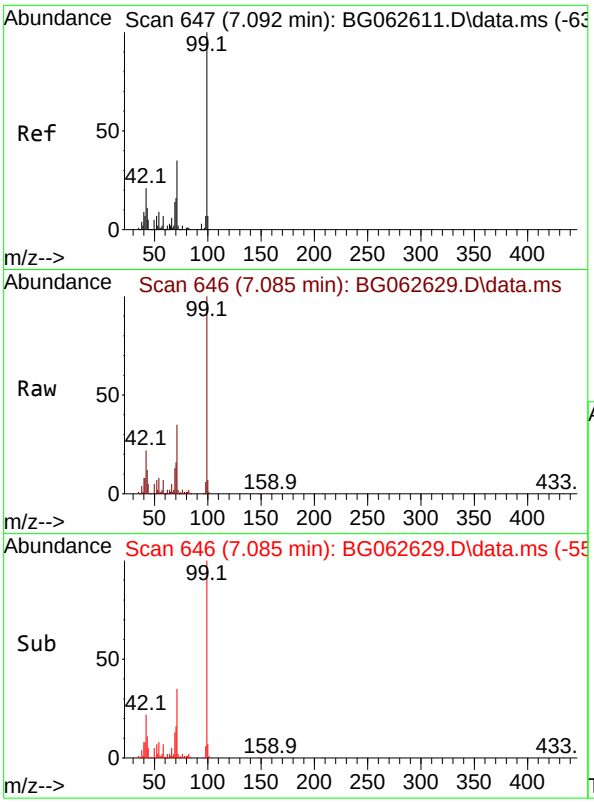


#5
2-Fluorophenol
Concen: 134.893 ng
RT: 5.505 min Scan# 377
Delta R.T. -0.000 min
Lab File: BG062629.D
Acq: 3 Sep 2024 17:11

Tgt Ion:112 Resp: 385184

Ion	Ratio	Lower	Upper
112	100		
64	63.5	50.2	75.2
63	34.7	26.6	39.8



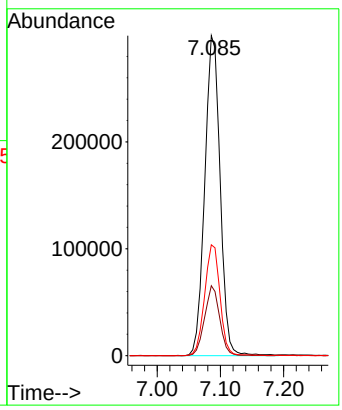


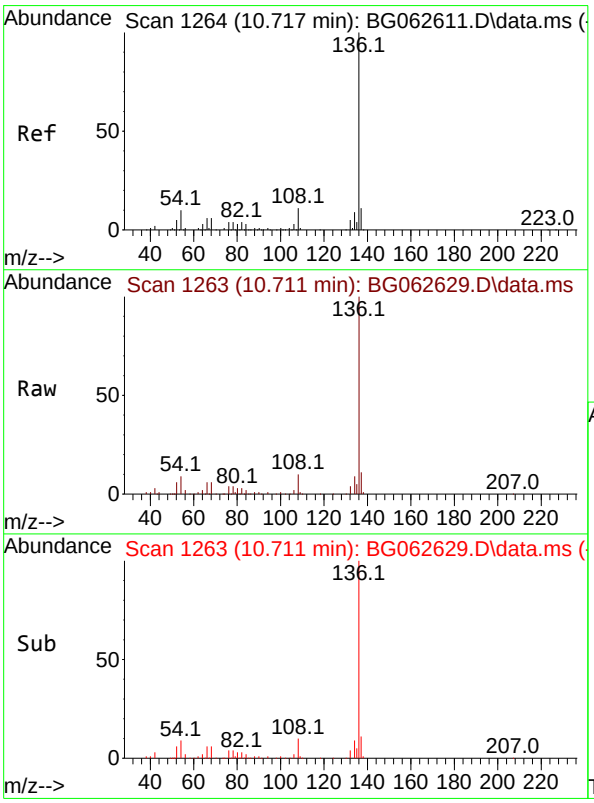
#7
Phenol-d6
Concen: 122.638 ng
RT: 7.085 min Scan# 64
Delta R.T. -0.006 min
Lab File: BG062629.D
Acq: 3 Sep 2024 17:11

Instrument :
BNA_G
ClientSampleId :
PB162517BL

Tgt Ion: 99 Resp: 505900

Ion	Ratio	Lower	Upper
99	100		
42	21.9	16.9	25.3
71	34.7	27.9	41.9

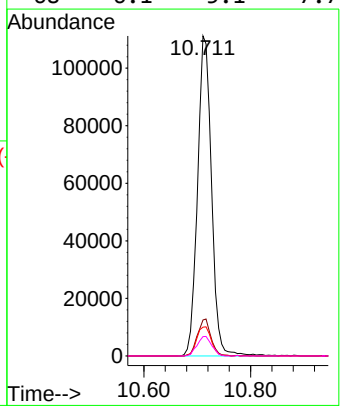


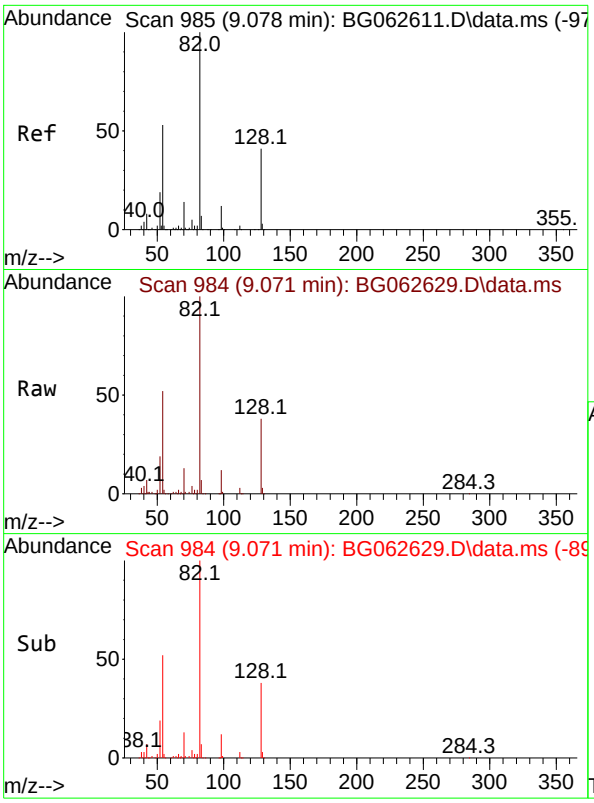


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.711 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BG062629.D
Acq: 3 Sep 2024 17:11

Tgt Ion:136 Resp: 202205

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	9.0	7.8	11.6
68	6.1	5.1	7.7



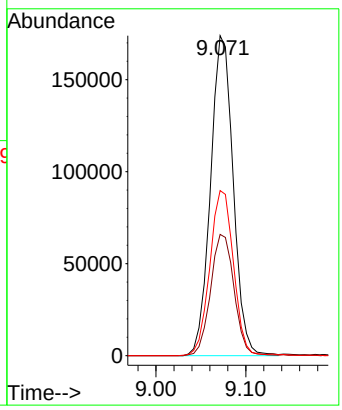


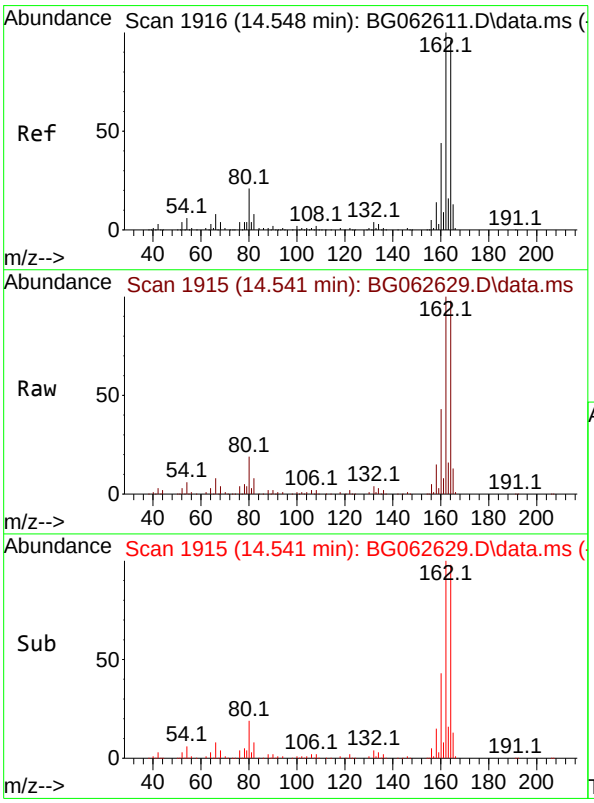
#23
Nitrobenzene-d5
Concen: 81.259 ng
RT: 9.071 min Scan# 9
Delta R.T. -0.006 min
Lab File: BG062629.D
Acq: 3 Sep 2024 17:11

Instrument :
BNA_G
ClientSampleId :
PB162517BL

Tgt Ion: 82 Resp: 305088

Ion	Ratio	Lower	Upper
82	100		
128	37.9	32.5	48.7
54	51.6	42.5	63.7

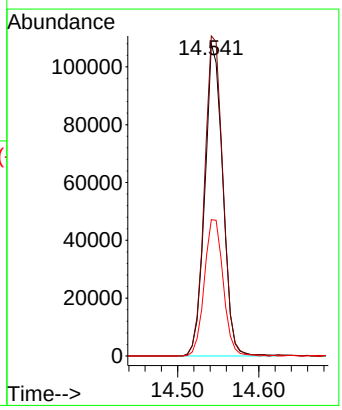


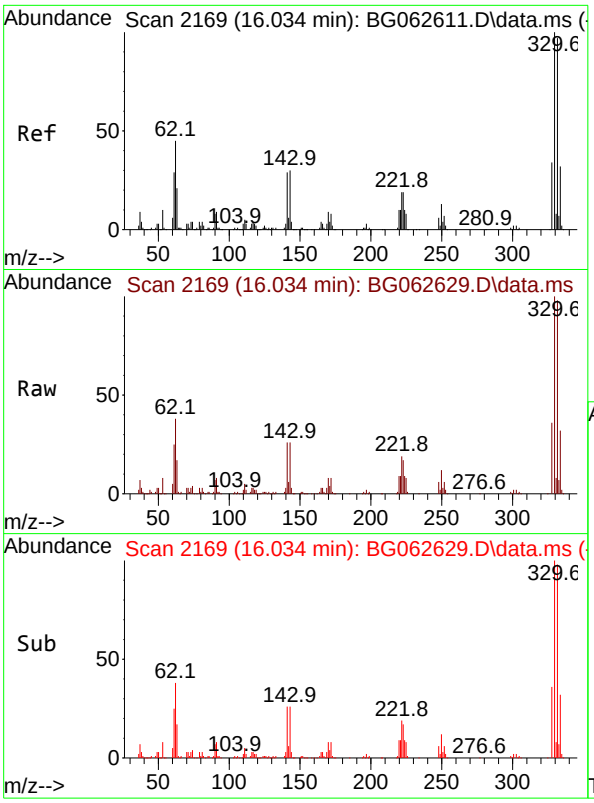


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.541 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BG062629.D
Acq: 3 Sep 2024 17:11

Tgt Ion:164 Resp: 165515

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.1	124.7
160	43.7	36.2	54.4



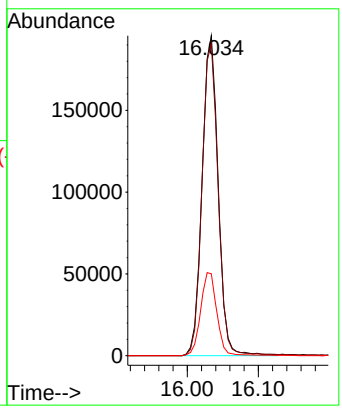


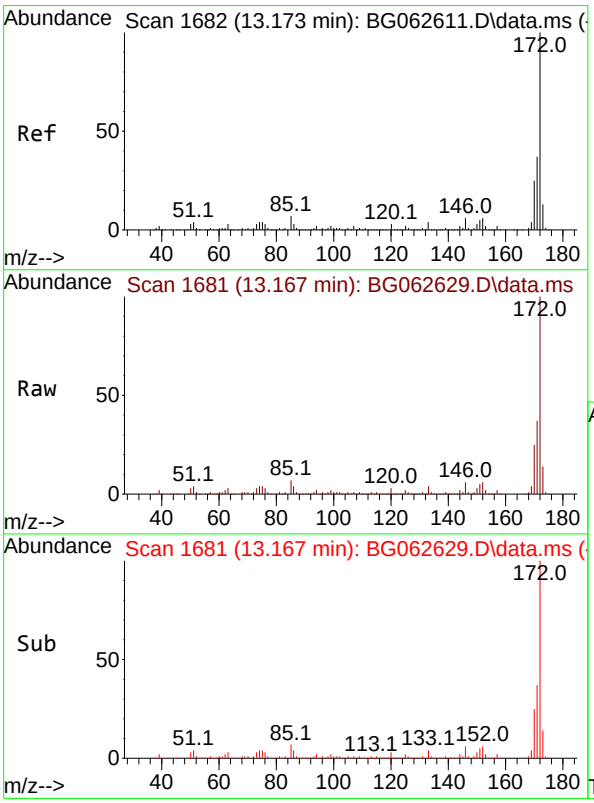
#42
2,4,6-Tribromophenol
Concen: 132.264 ng
RT: 16.034 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG062629.D
Acq: 3 Sep 2024 17:11

Instrument :
BNA_G
ClientSampleId :
PB162517BL

Tgt Ion:330 Resp: 308085

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.2	115.8
141	26.2	22.2	33.4

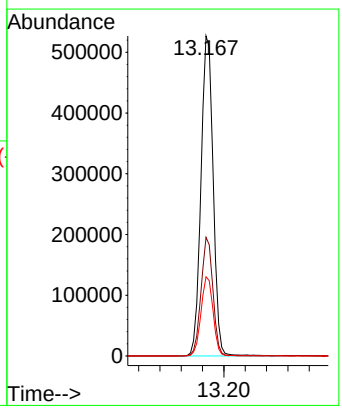


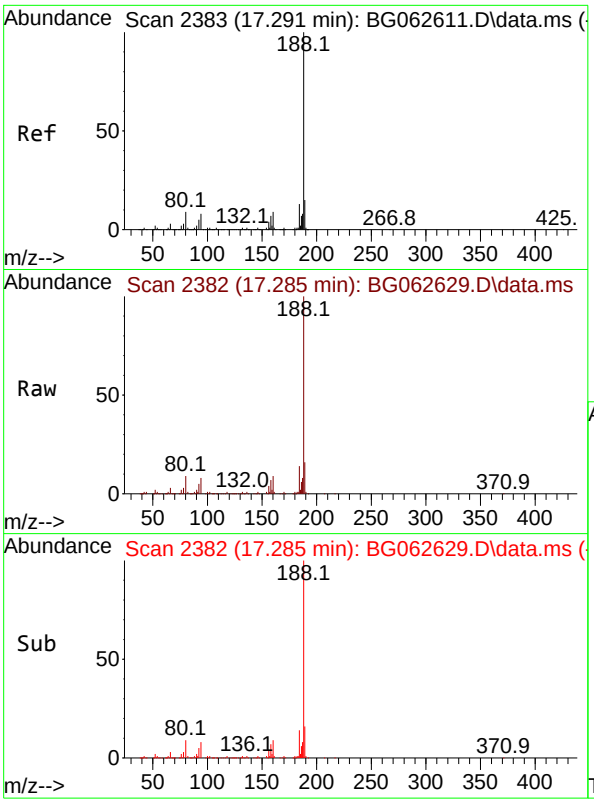


#45
2-Fluorobiphenyl
Concen: 81.915 ng
RT: 13.167 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BG062629.D
Acq: 3 Sep 2024 17:11

Tgt Ion:172 Resp: 837029

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	24.8	20.0	30.0



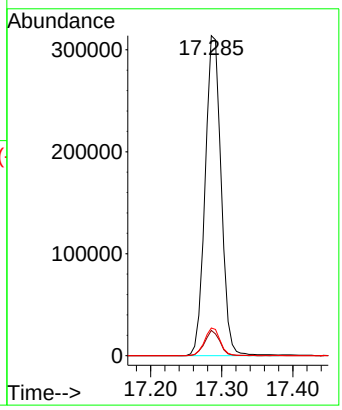


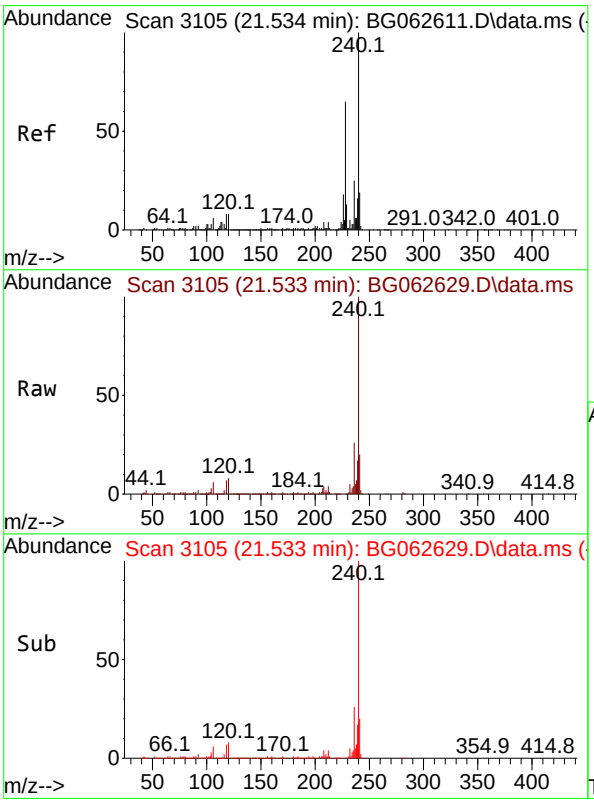
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.285 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG062629.D
Acq: 3 Sep 2024 17:11

Instrument :
BNA_G
ClientSampleId :
PB162517BL

Tgt Ion:188 Resp: 491483

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.3	9.5
80	8.7	7.0	10.4

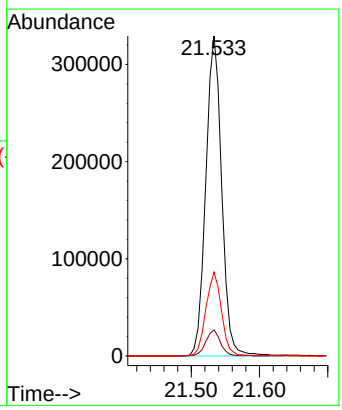


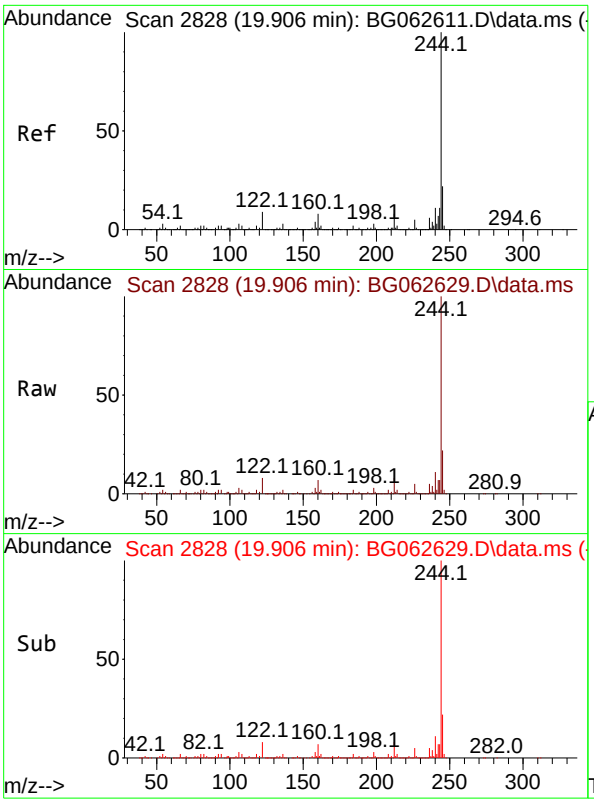


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.533 min Scan# 3105
Delta R.T. -0.000 min
Lab File: BG062629.D
Acq: 3 Sep 2024 17:11

Tgt Ion:240 Resp: 532564

Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.6	9.8
236	26.2	20.2	30.4



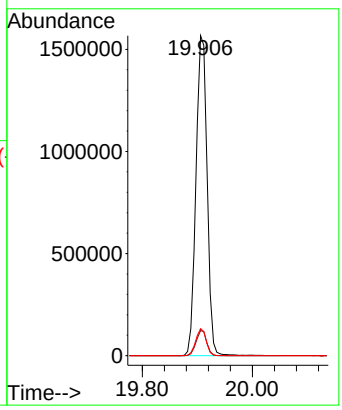


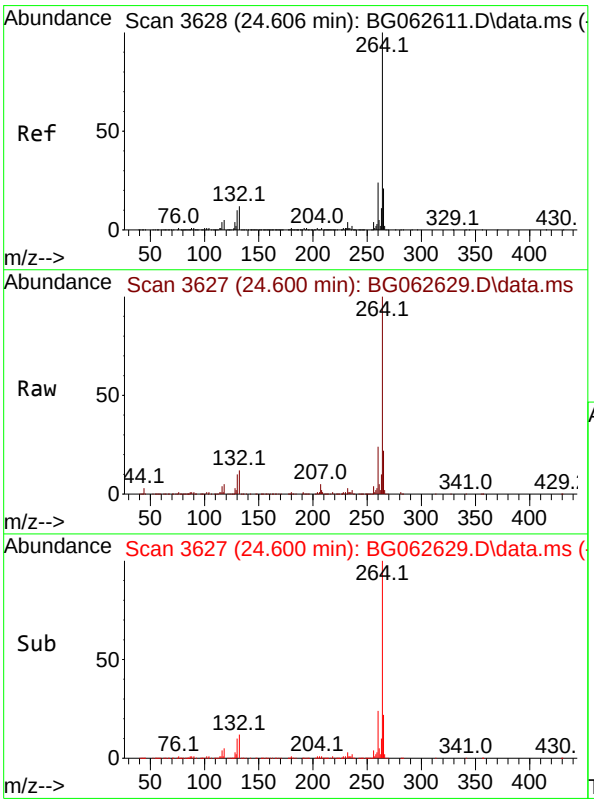
#79
Terphenyl-d14
Concen: 82.140 ng
RT: 19.906 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG062629.D
Acq: 3 Sep 2024 17:11

Instrument :
BNA_G
ClientSampleId :
PB162517BL

Tgt Ion:244 Resp: 2206185

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	10.0
122	8.5	7.2	10.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.600 min Scan# 3627
Delta R.T. -0.006 min
Lab File: BG062629.D
Acq: 3 Sep 2024 17:11

Tgt Ion:264 Resp: 601427

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.4
265	21.6	17.3	25.9