Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040125\
Data File : BG064134.D
Acq On : 1 Apr 2025 14:23
Operator : RC/JU
Sample : Q1664-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01

Quant Time: Apr 01 15:14:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	36149	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	145902	20.000	ng	0.00
39) Acenaphthene-d10	14.483	164	100632	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	238066	20.000	ng	0.00
76) Chrysene-d12	21.451	240	264272	20.000	ng	0.00
86) Perylene-d12	24.465	264	280516	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	129141	55.782	ng	0.00
7) Phenol-d6	7.021	99	99308	31.532	ng	0.00
23) Nitrobenzene-d5	9.013	82	296088	112.146	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	218053	194.935	ng	0.00
45) 2-Fluorobiphenyl	13.108	172	664307	100.201	ng	0.00
79) Terphenyl-d14	19.847	244	1338604	102.419	ng	0.00
Target Compounds						Qvalue

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

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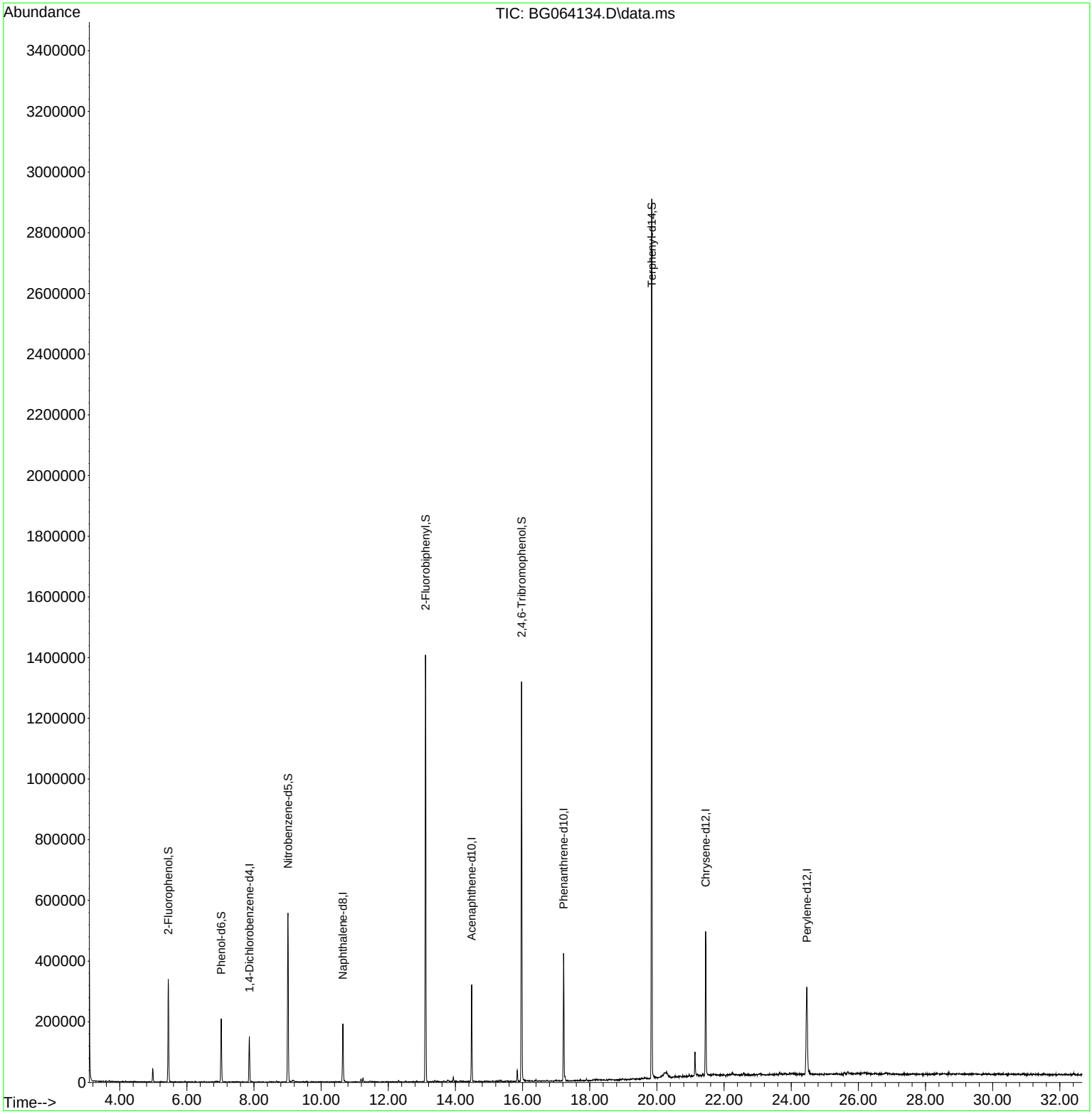
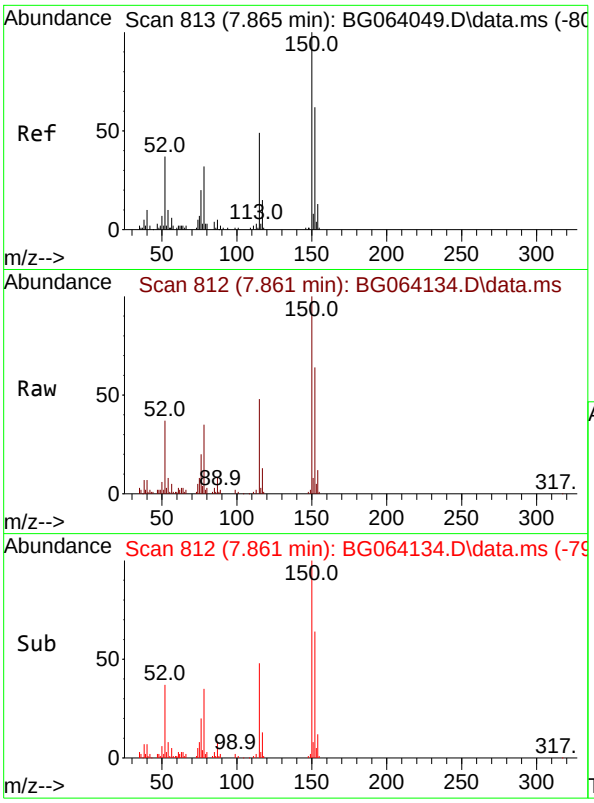


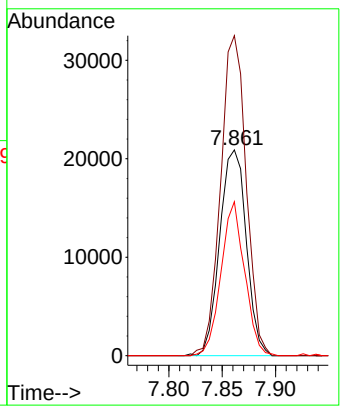


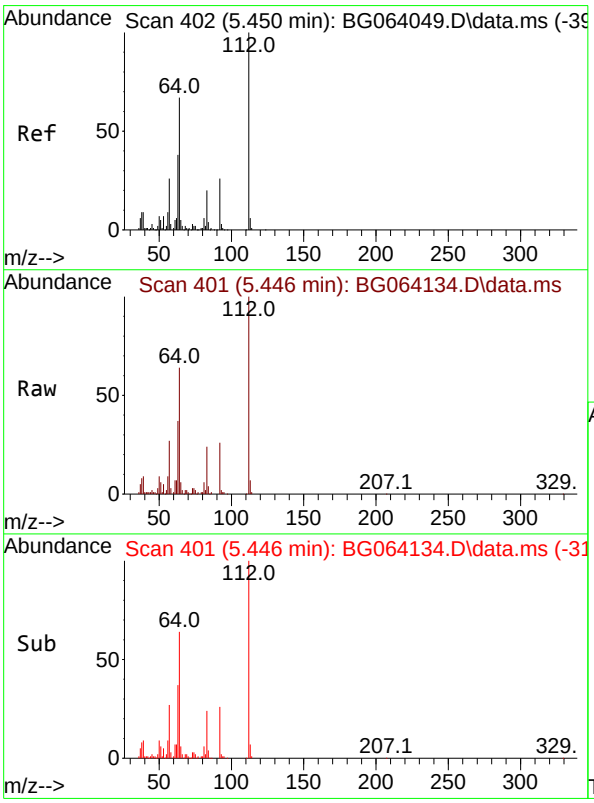
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064134.D
Acq: 1 Apr 2025 14:23

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01

Tgt Ion:152 Resp: 36149

Ion	Ratio	Lower	Upper
152	100		
150	155.5	129.2	193.8
115	74.8	63.0	94.6

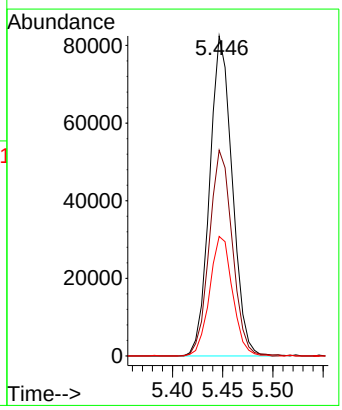


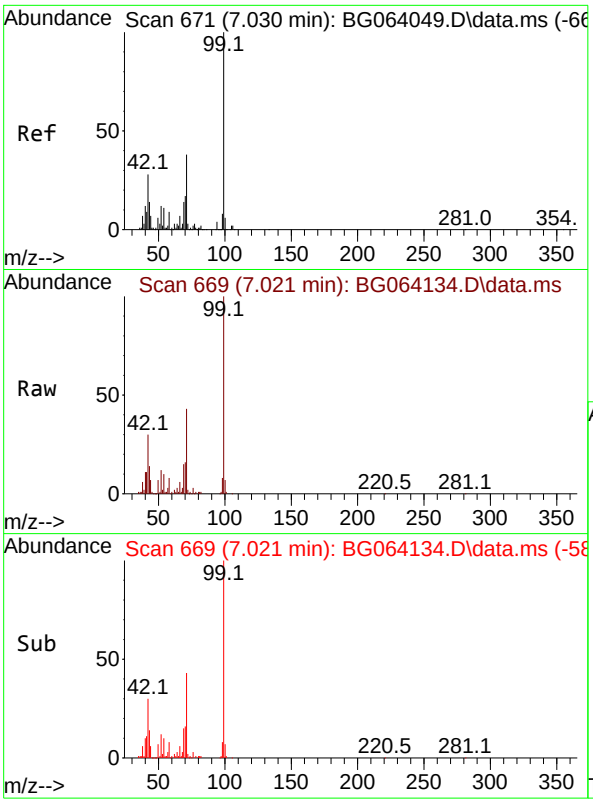


#5
2-Fluorophenol
Concen: 55.782 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.003 min
Lab File: BG064134.D
Acq: 1 Apr 2025 14:23

Tgt Ion:112 Resp: 129141

Ion	Ratio	Lower	Upper
112	100		
64	64.3	53.7	80.5
63	37.4	30.2	45.4



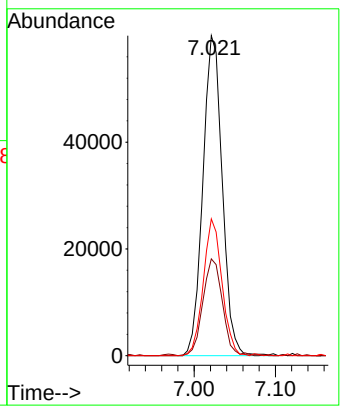


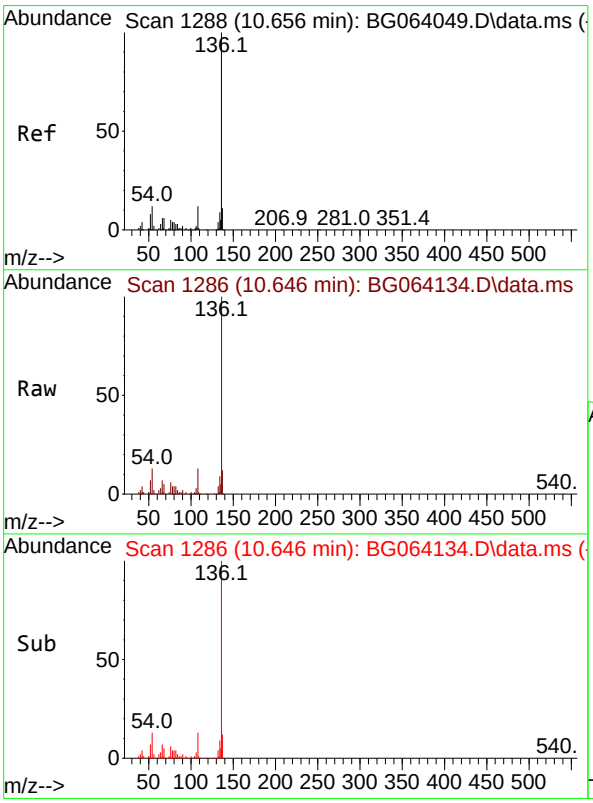
#7
Phenol-d6
Concen: 31.532 ng
RT: 7.021 min Scan# 6
Delta R.T. -0.009 min
Lab File: BG064134.D
Acq: 1 Apr 2025 14:23

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01

Tgt Ion: 99 Resp: 99308

Ion	Ratio	Lower	Upper
99	100		
42	30.3	22.7	34.1
71	42.7	30.6	46.0

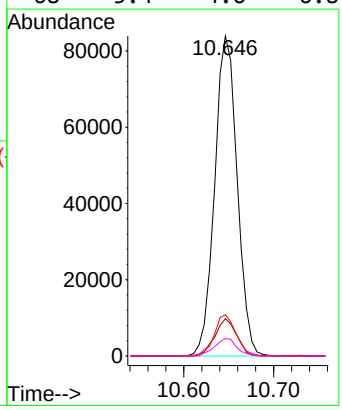


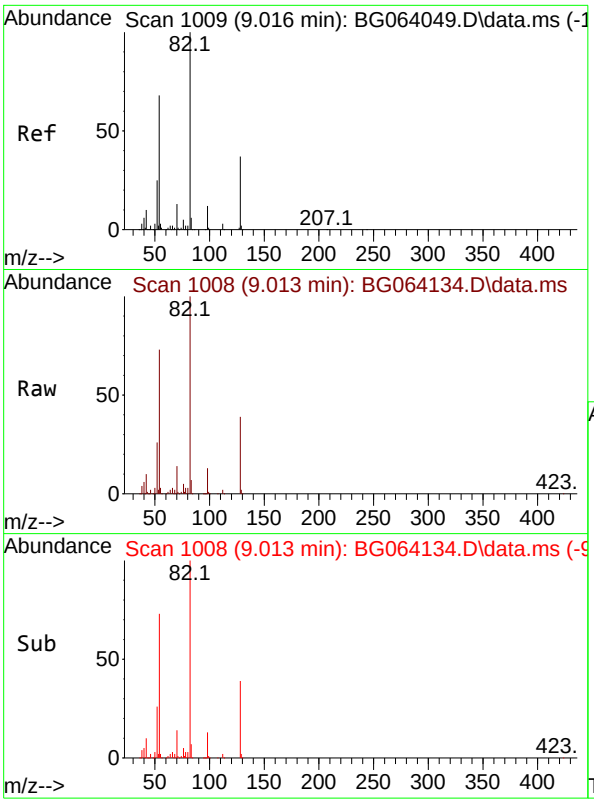


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 1286
Delta R.T. -0.010 min
Lab File: BG064134.D
Acq: 1 Apr 2025 14:23

Tgt Ion:136 Resp: 145902

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.5	12.7
54	12.9	9.9	14.9
68	5.4	4.6	6.8



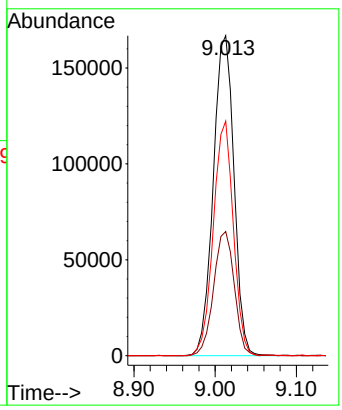


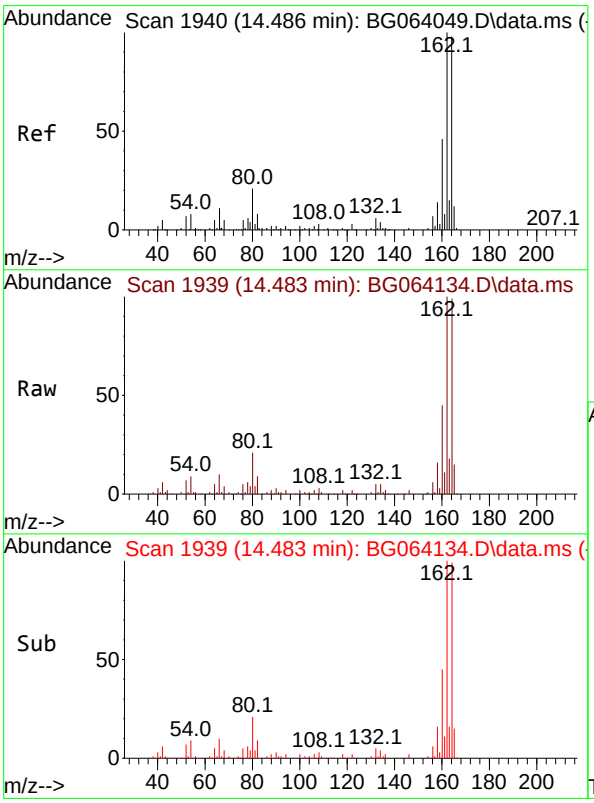
#23
Nitrobenzene-d5
Concen: 112.146 ng
RT: 9.013 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064134.D
Acq: 1 Apr 2025 14:23

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01

Tgt Ion: 82 Resp: 296088

Ion	Ratio	Lower	Upper
82	100		
128	38.8	30.0	45.0
54	73.3	54.7	82.1

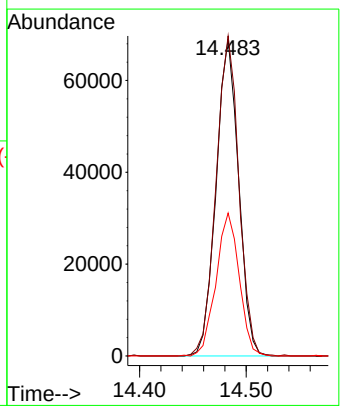


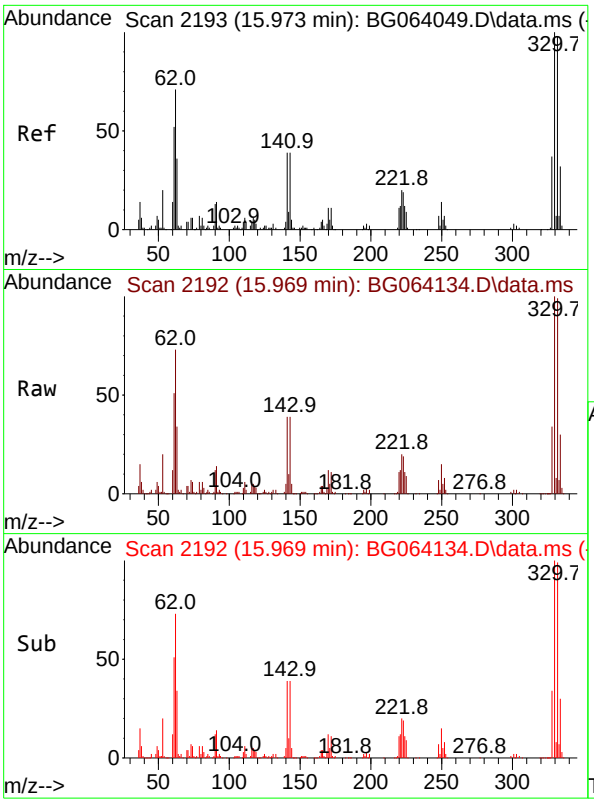


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1939
Delta R.T. -0.003 min
Lab File: BG064134.D
Acq: 1 Apr 2025 14:23

Tgt Ion:164 Resp: 100632

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.4	122.0
160	45.1	37.0	55.6



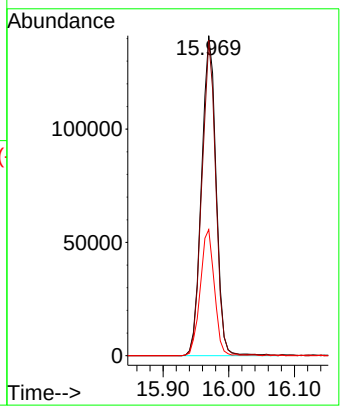


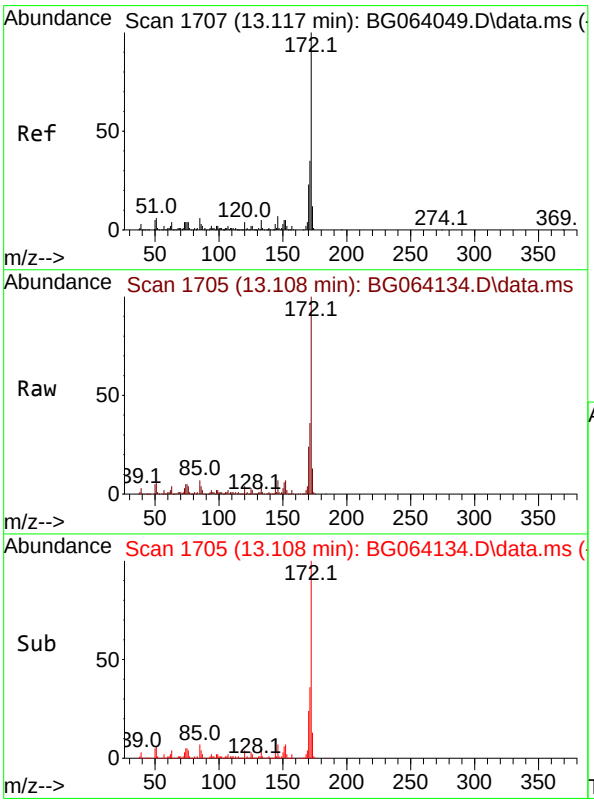
#42
2,4,6-Tribromophenol
Concen: 194.935 ng
RT: 15.969 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064134.D
Acq: 1 Apr 2025 14:23

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01

Tgt Ion:330 Resp: 218053

Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.7	115.1
141	38.4	29.7	44.5

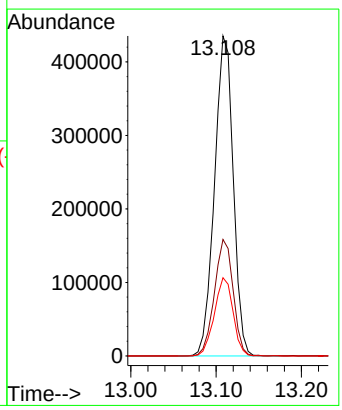


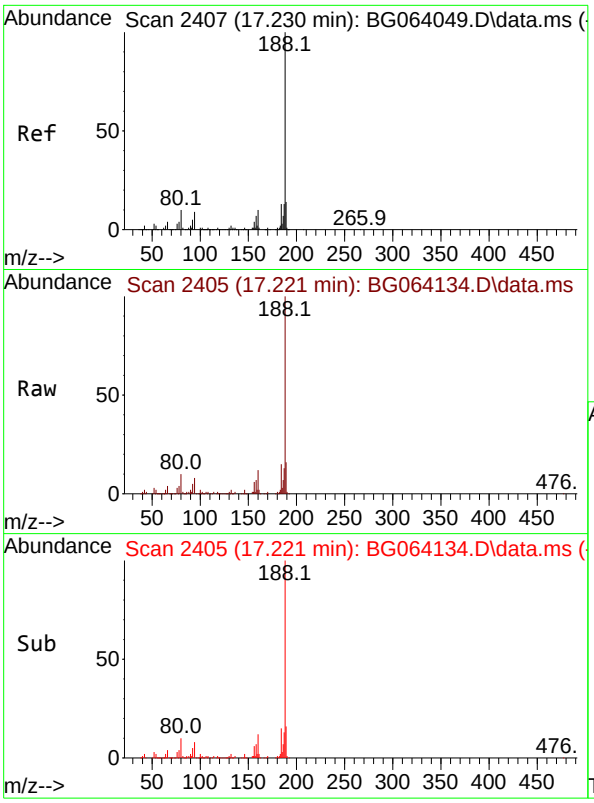


#45
2-Fluorobiphenyl
Concen: 100.201 ng
RT: 13.108 min Scan# 1705
Delta R.T. -0.009 min
Lab File: BG064134.D
Acq: 1 Apr 2025 14:23

Tgt Ion:172 Resp: 664307

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.0	42.0
170	24.5	18.7	28.1



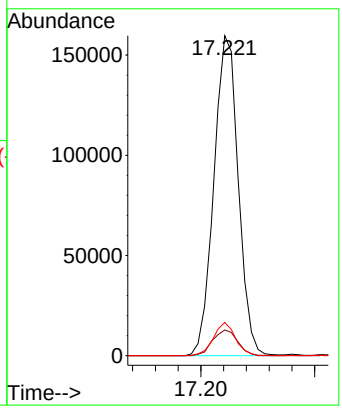


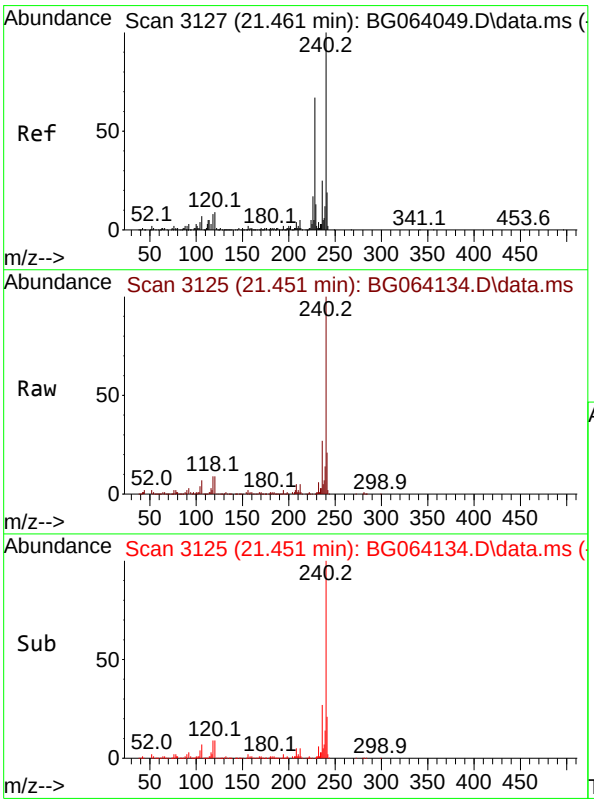
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG064134.D
Acq: 1 Apr 2025 14:23

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01

Tgt Ion:188 Resp: 238066

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	10.4	8.1	12.1

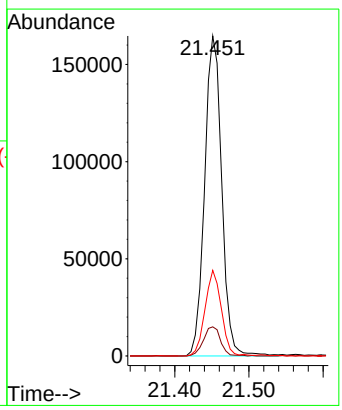


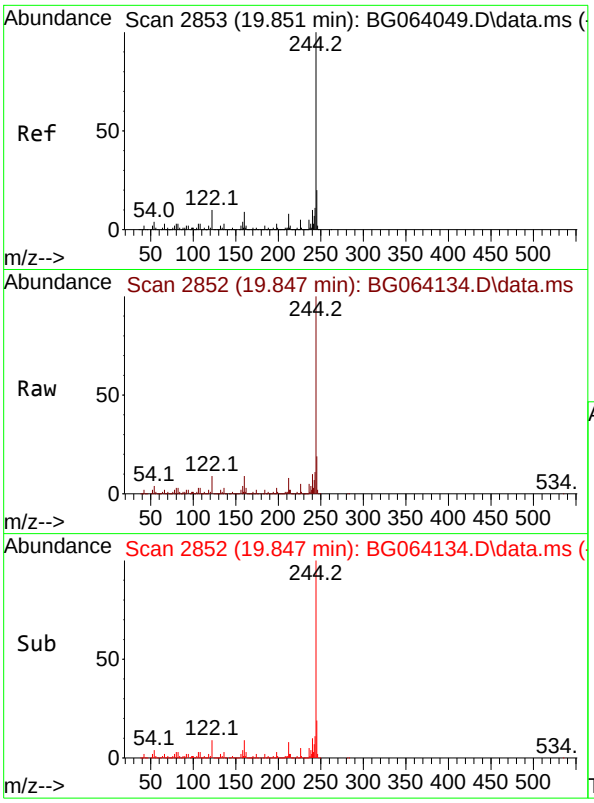


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3125
Delta R.T. -0.009 min
Lab File: BG064134.D
Acq: 1 Apr 2025 14:23

Tgt Ion:240 Resp: 264272

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.2	10.8
236	26.7	20.2	30.2



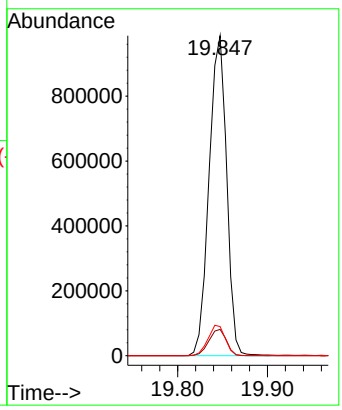


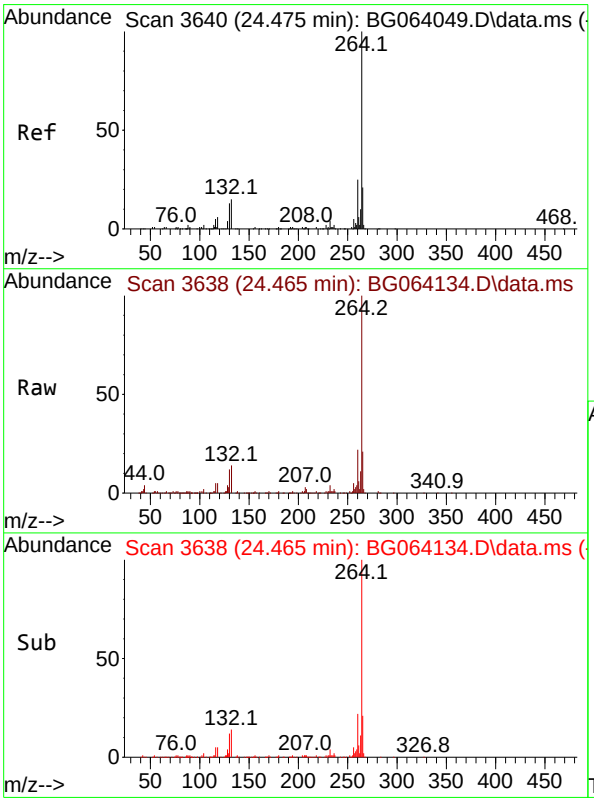
#79
Terphenyl-d14
Concen: 102.419 ng
RT: 19.847 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064134.D
Acq: 1 Apr 2025 14:23

Instrument :
BNA_G
ClientSampleId :
P001-BBDGA-001-01

Tgt Ion:244 Resp: 1338604

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.4
122	9.1	8.0	12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.465 min Scan# 3638
Delta R.T. -0.009 min
Lab File: BG064134.D
Acq: 1 Apr 2025 14:23

Tgt Ion:264 Resp: 280516

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.6	29.4
265	20.7	16.6	25.0