Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030725\
Data File : BG064065.D
Acq On : 7 Mar 2025 19:01
Operator : RC/JU
Sample : Q1514-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

Quant Time: Mar 07 22:56:42 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	32518	20.000	ng	0.00
21) Naphthalene-d8	10.652	136	142122	20.000	ng	# 0.00
39) Acenaphthene-d10	14.483	164	99745	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	240718	20.000	ng	0.00
76) Chrysene-d12	21.457	240	246568	20.000	ng	0.00
86) Perylene-d12	24.477	264	266034	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	220587	105.921	ng	0.00
7) Phenol-d6	7.027	99	290337	102.481	ng	0.00
23) Nitrobenzene-d5	9.013	82	177550	69.038	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	130891	118.054	ng	0.00
45) 2-Fluorobiphenyl	13.114	172	433761	66.008	ng	0.00
79) Terphenyl-d14	19.847	244	782644	64.181	ng	0.00
Target Compounds						Qvalue

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

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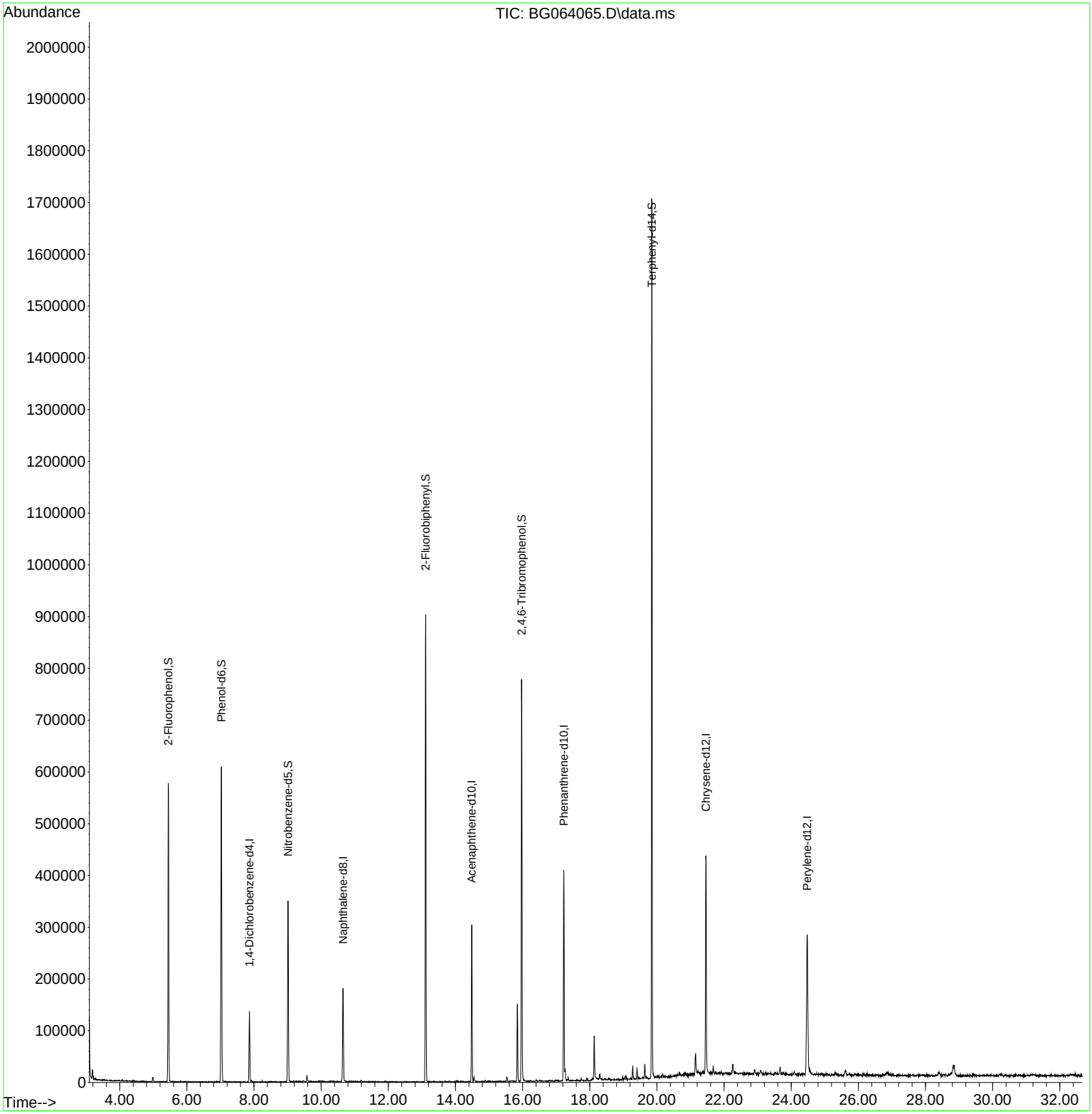
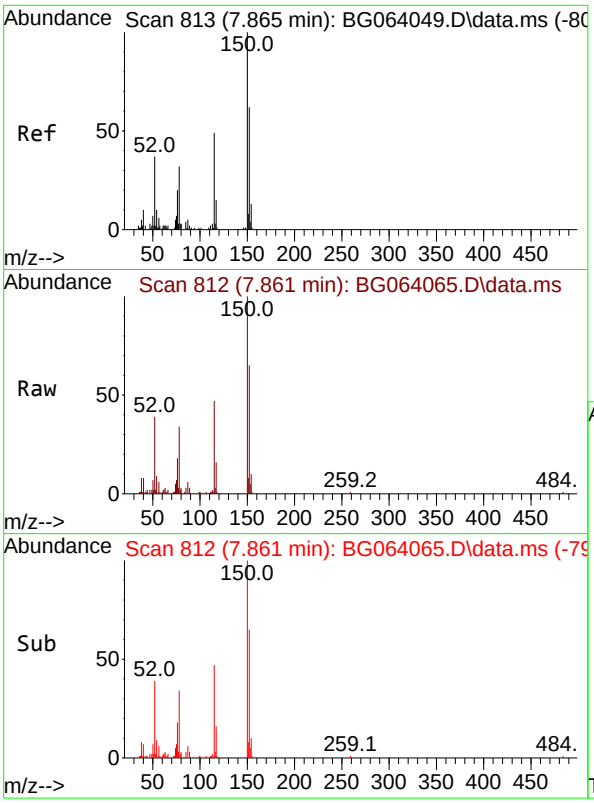


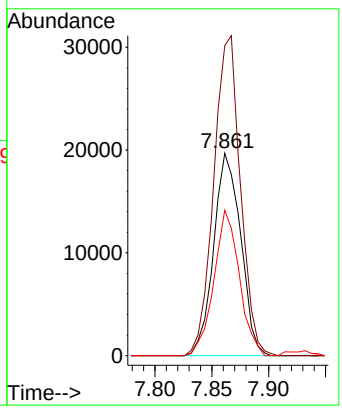


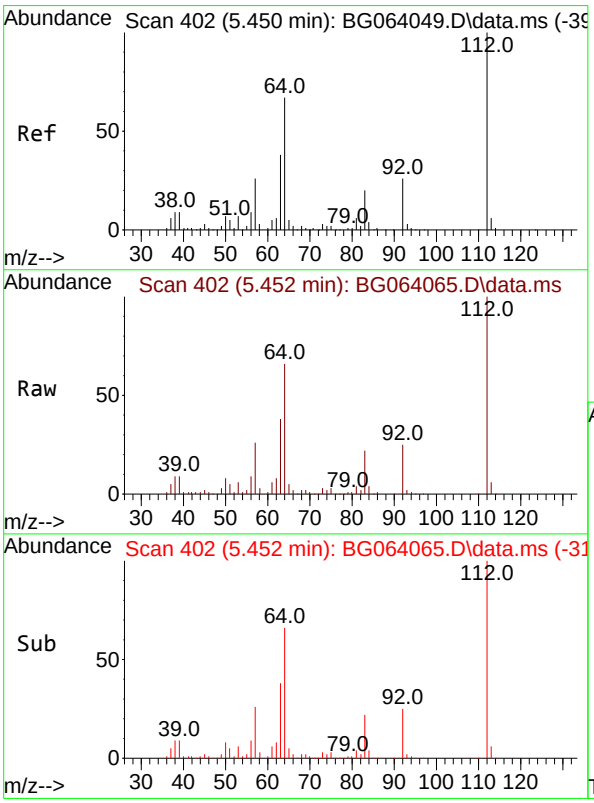
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

Tgt Ion:152 Resp: 32518

Ion	Ratio	Lower	Upper
152	100		
150	153.3	129.2	193.8
115	71.9	63.0	94.6

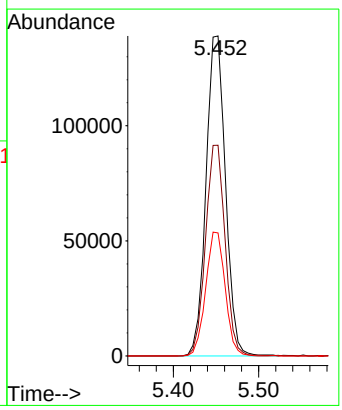


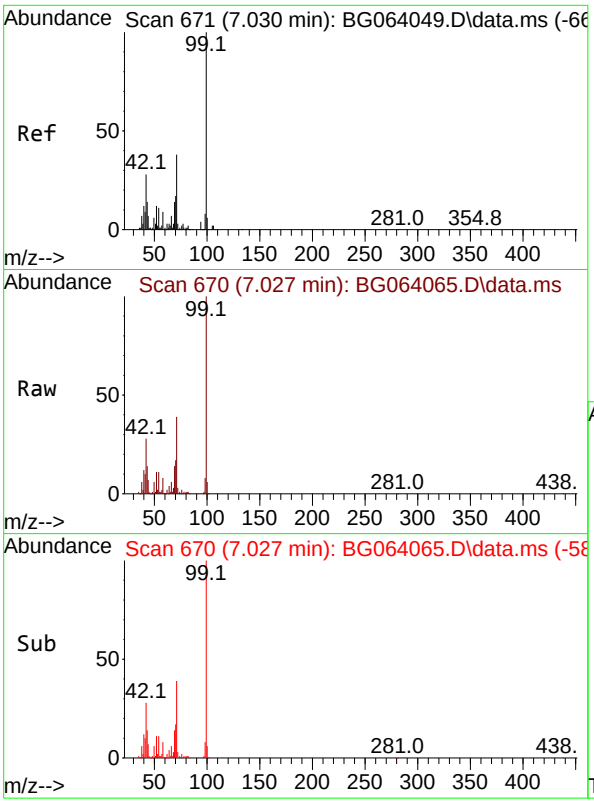


#5
2-Fluorophenol
Concen: 105.921 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.002 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Tgt Ion:112 Resp: 220587

Ion	Ratio	Lower	Upper
112	100		
64	65.9	53.7	80.5
63	38.4	30.2	45.4



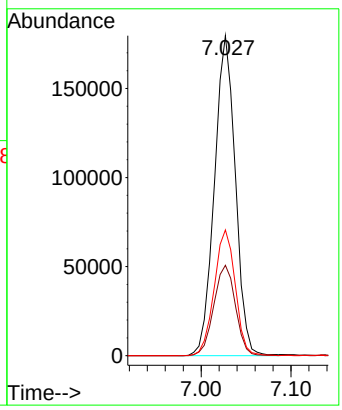


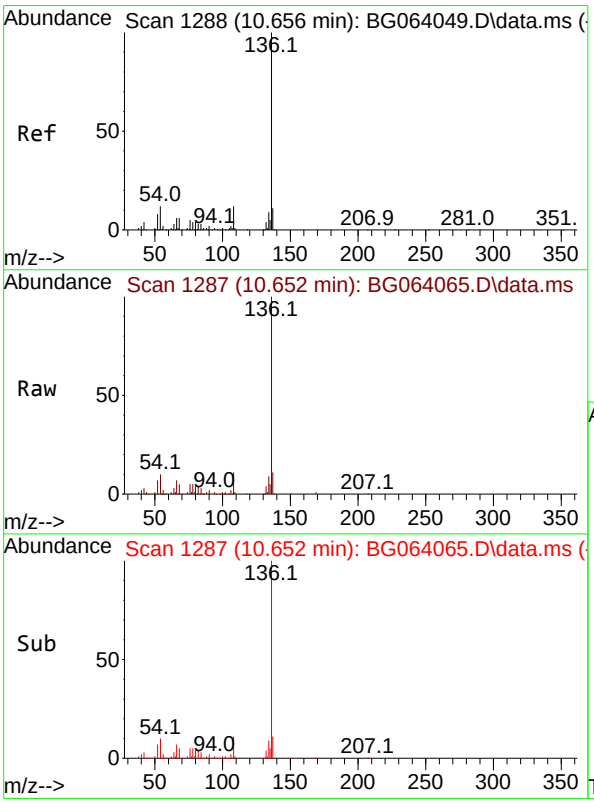
#7
Phenol-d6
Concen: 102.481 ng
RT: 7.027 min Scan# 6
Delta R.T. -0.003 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

Tgt Ion: 99 Resp: 290337

Ion	Ratio	Lower	Upper
99	100		
42	28.3	22.7	34.1
71	39.3	30.6	46.0

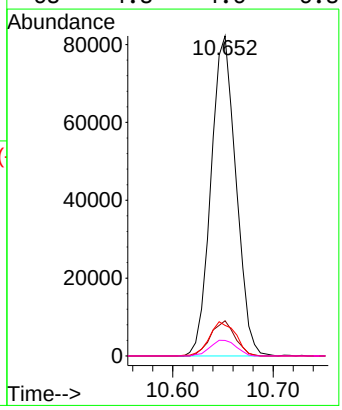


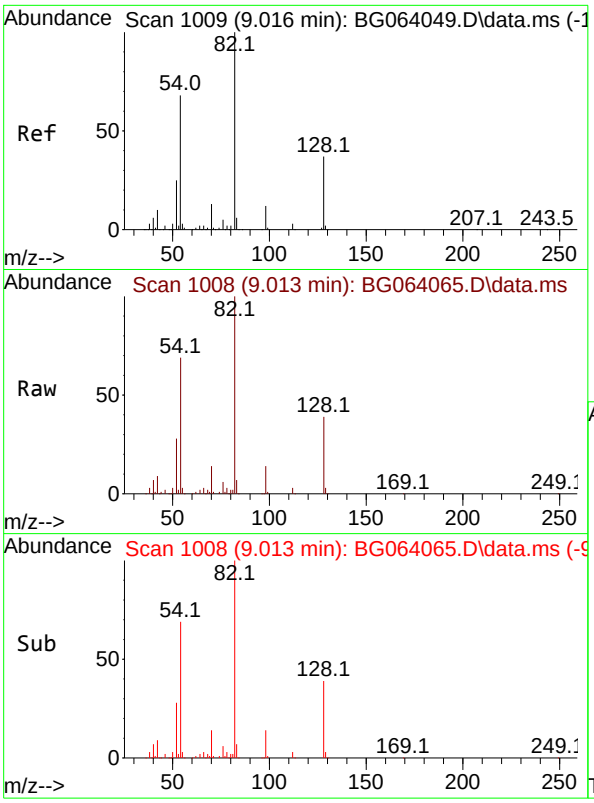


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.652 min Scan# 1287
Delta R.T. -0.004 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Tgt Ion:136 Resp: 142122

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	9.6	9.9	14.9#
68	4.8	4.6	6.8



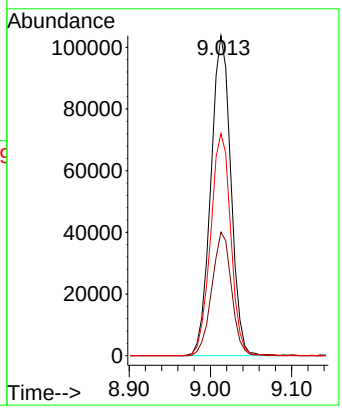


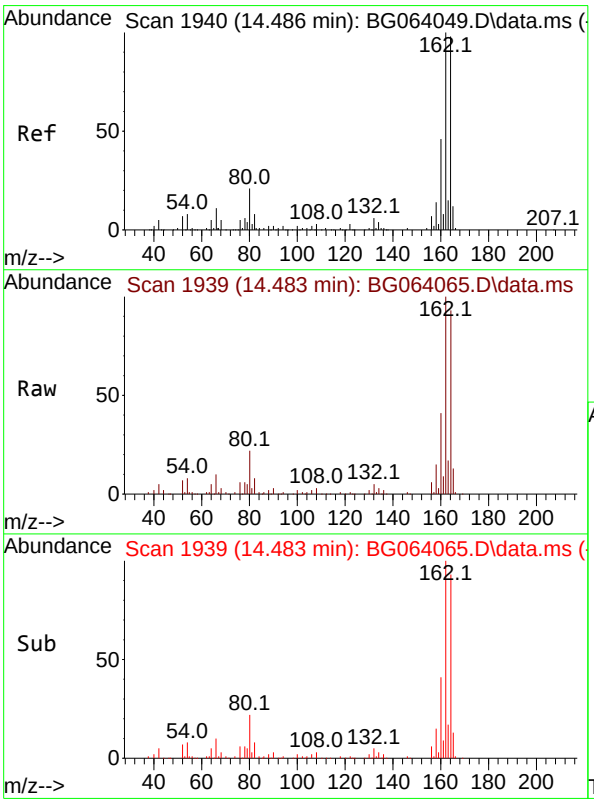
#23
Nitrobenzene-d5
Concen: 69.038 ng
RT: 9.013 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

Tgt Ion: 82 Resp: 177550

Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.0	45.0
54	69.4	54.7	82.1

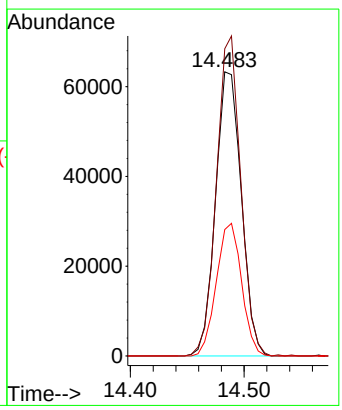


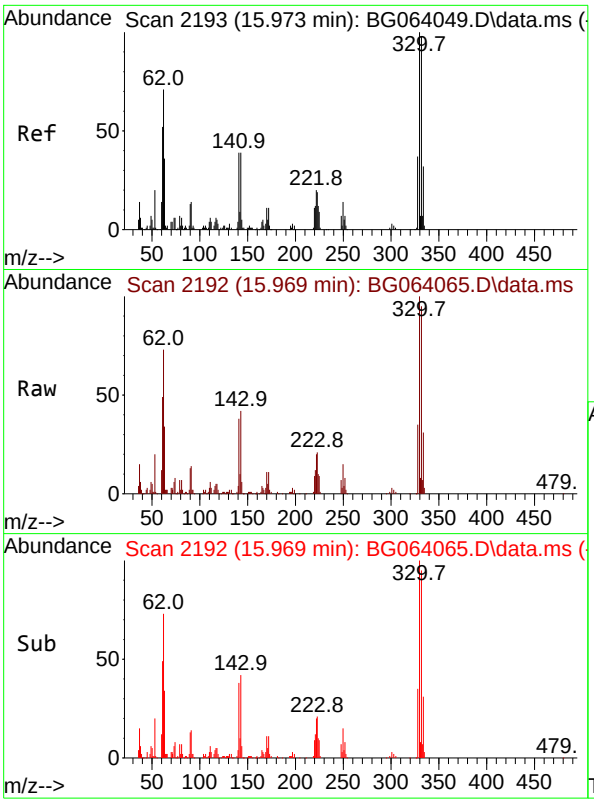


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.483 min Scan# 1939
Delta R.T. -0.003 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Tgt Ion:164 Resp: 99745

Ion	Ratio	Lower	Upper
164	100		
162	108.1	81.4	122.0
160	44.5	37.0	55.6



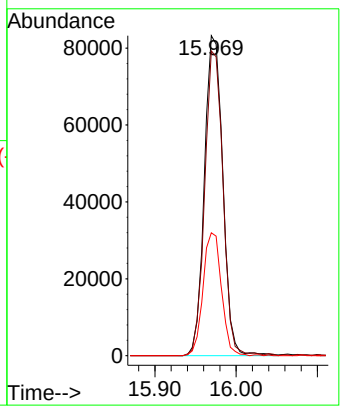


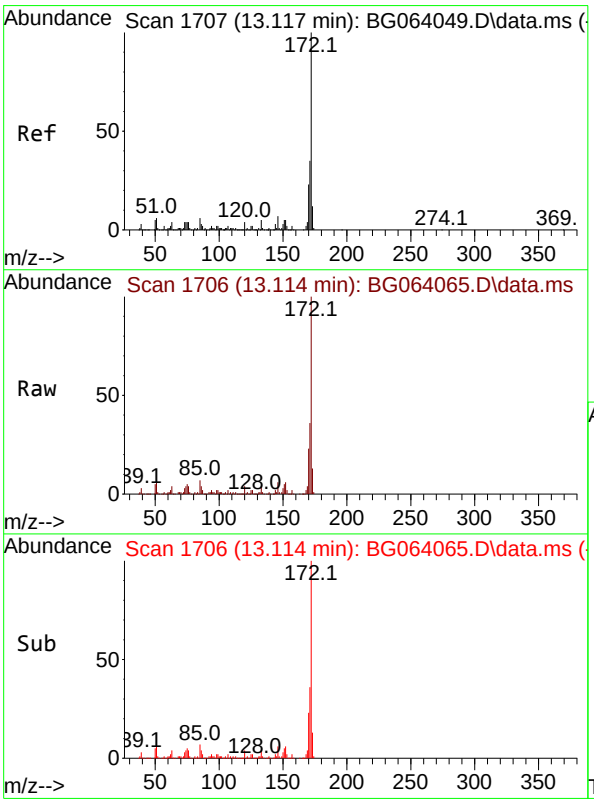
#42
2,4,6-Tribromophenol
Concen: 118.054 ng
RT: 15.969 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

Tgt Ion:330 Resp: 130891

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.7	115.1
141	38.3	29.7	44.5

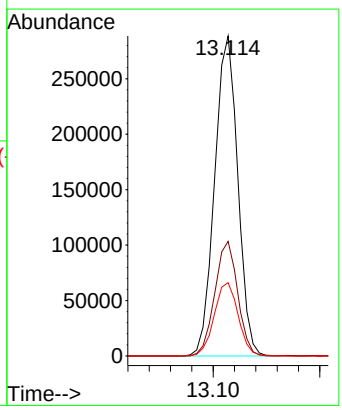


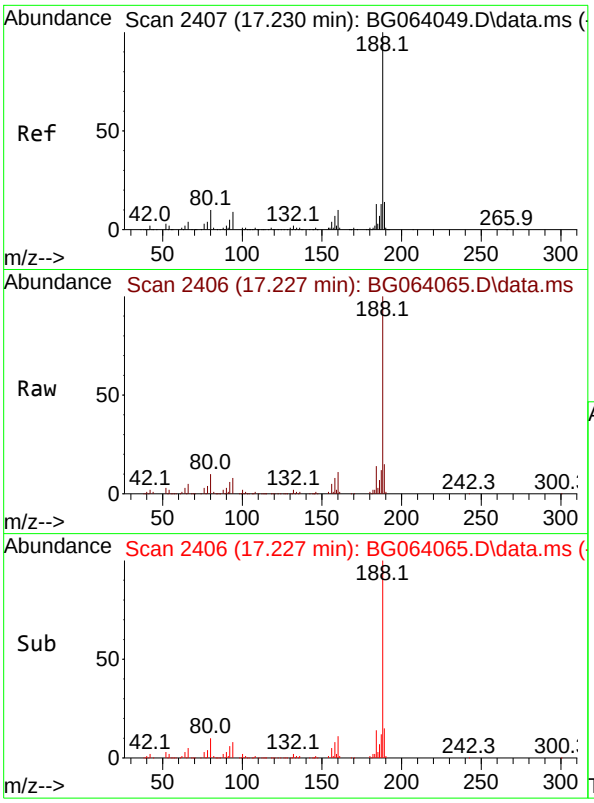


#45
2-Fluorobiphenyl
Concen: 66.008 ng
RT: 13.114 min Scan# 1706
Delta R.T. -0.003 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Tgt Ion:172 Resp: 433761

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.0	42.0
170	22.9	18.7	28.1



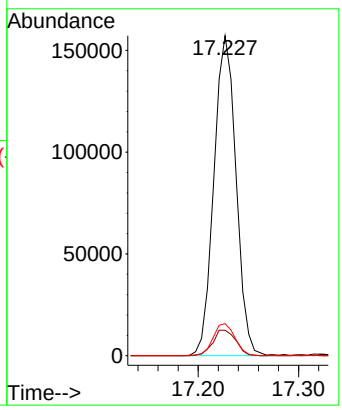


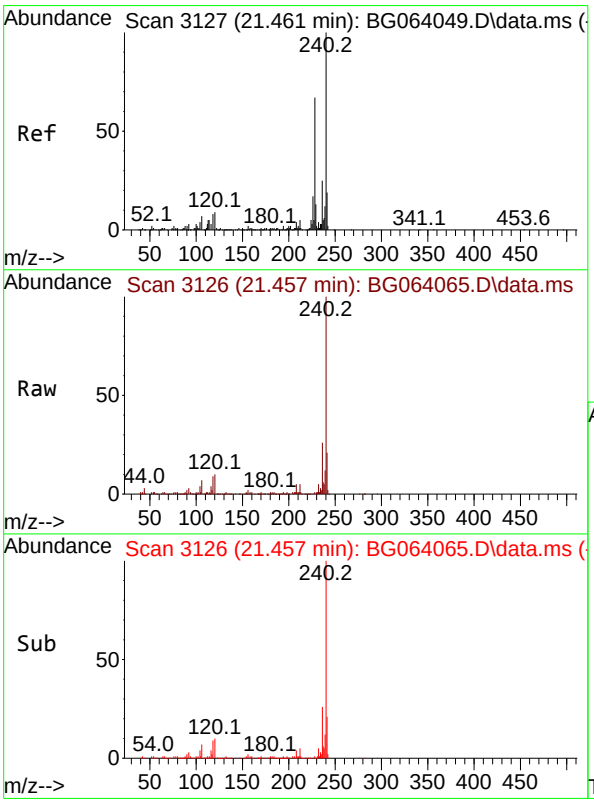
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.227 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

Tgt Ion:188 Resp: 240718

Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	10.0	8.1	12.1

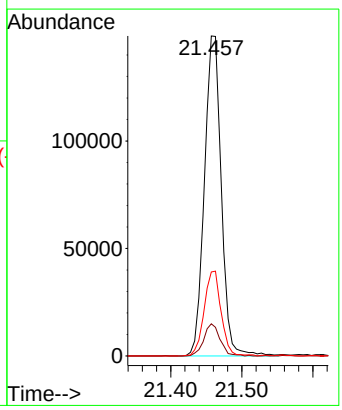


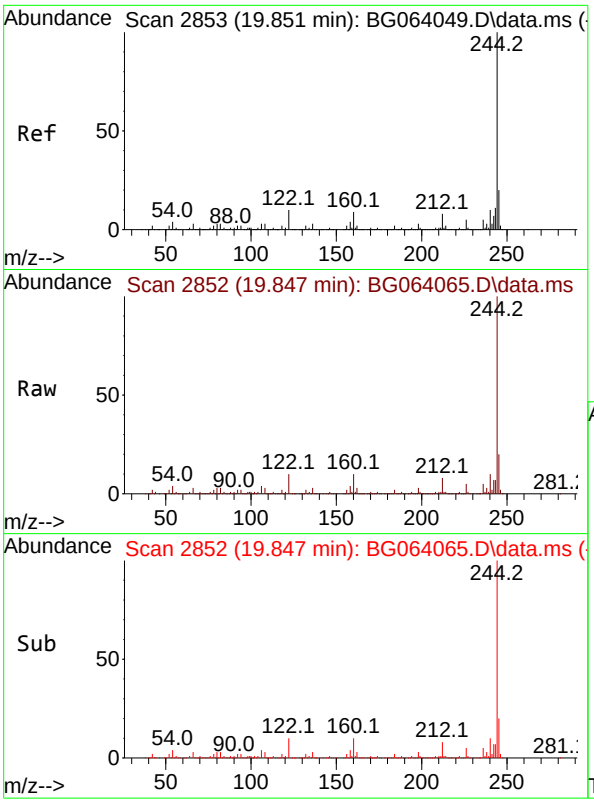


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3126
Delta R.T. -0.003 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Tgt Ion:240 Resp: 246568

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.2	10.8
236	26.3	20.2	30.2



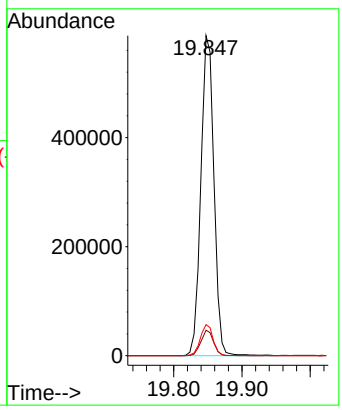


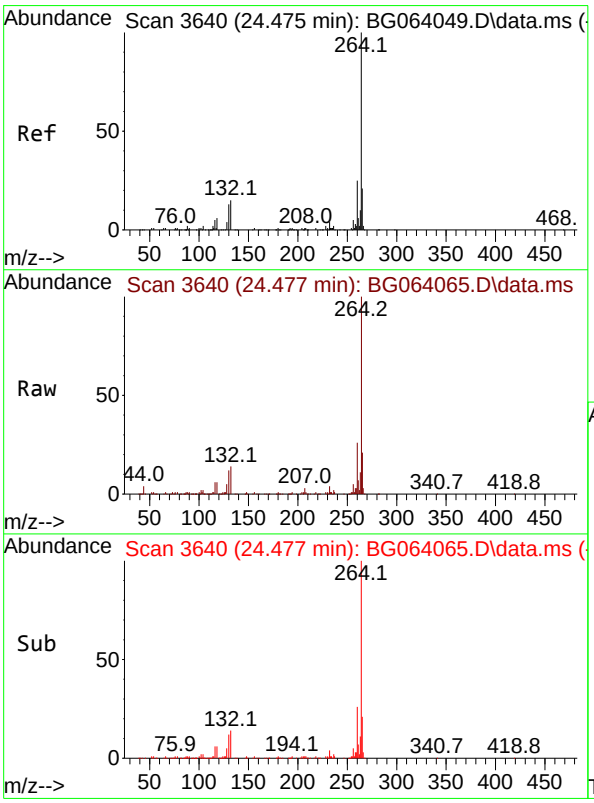
#79
Terphenyl-d14
Concen: 64.181 ng
RT: 19.847 min Scan# 2
Delta R.T. -0.003 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

Tgt Ion:244 Resp: 782644

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.4
122	9.7	8.0	12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.477 min Scan# 3640
Delta R.T. 0.002 min
Lab File: BG064065.D
Acq: 7 Mar 2025 19:01

Tgt Ion:264 Resp: 266034

Ion	Ratio	Lower	Upper
264	100		
260	26.3	19.6	29.4
265	21.2	16.6	25.0