Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
Data File : BG064083.D
Acq On : 10 Mar 2025 16:25
Operator : RC/JU
Sample : Q1514-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

Quant Time: Mar 10 18:31:44 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	7.868	152	33131	20.000	ng	# 0.00
21) Naphthalene-d8	10.653	136	137948	20.000	ng	0.00
39) Acenaphthene-d10	14.484	164	92307	20.000	ng	0.00
64) Phenanthrene-d10	17.228	188	212136	20.000	ng	0.00
76) Chrysene-d12	21.458	240	223138	20.000	ng	0.00
86) Perylene-d12	24.472	264	227657	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.453	112	278811	131.402	ng	0.00
7) Phenol-d6	7.028	99	331043	114.687	ng	0.00
23) Nitrobenzene-d5	9.014	82	252088	100.986	ng	0.00
42) 2,4,6-Tribromophenol	15.970	330	165524	161.320	ng	0.00
45) 2-Fluorobiphenyl	13.115	172	552471	90.847	ng	0.00
79) Terphenyl-d14	19.848	244	1143296	103.601	ng	0.00
Target Compounds						Qvalue

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

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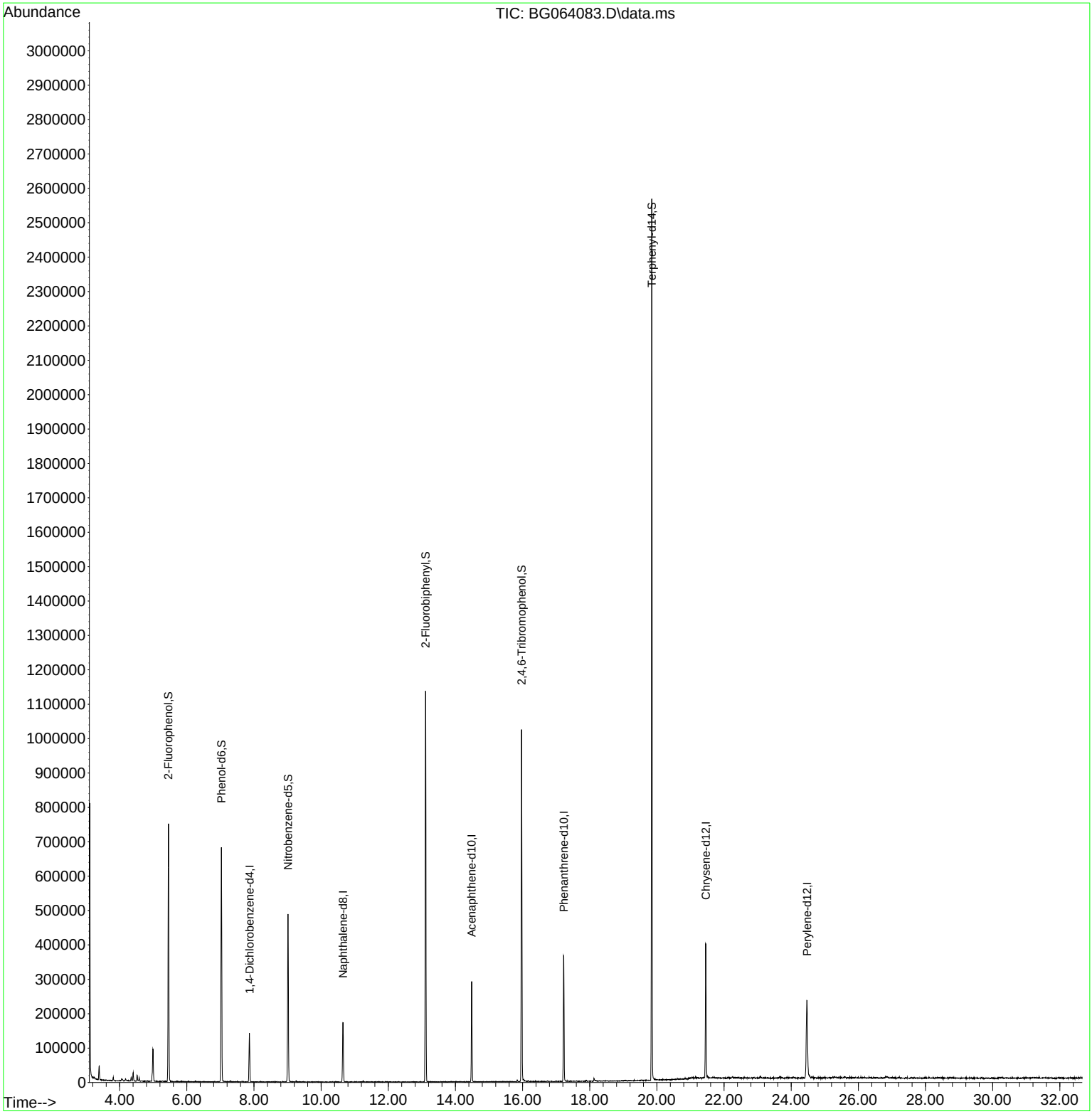
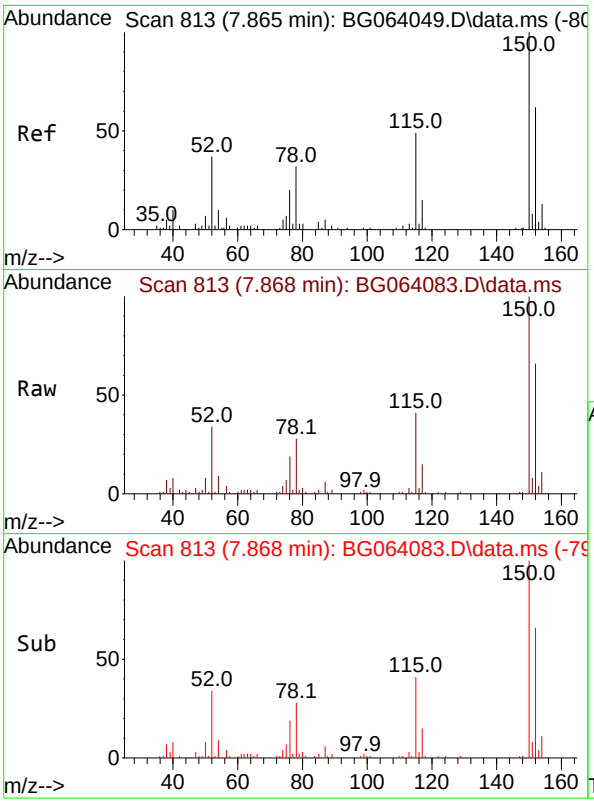


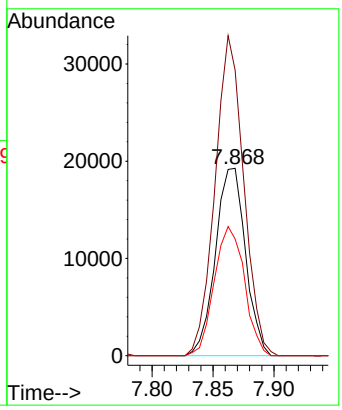


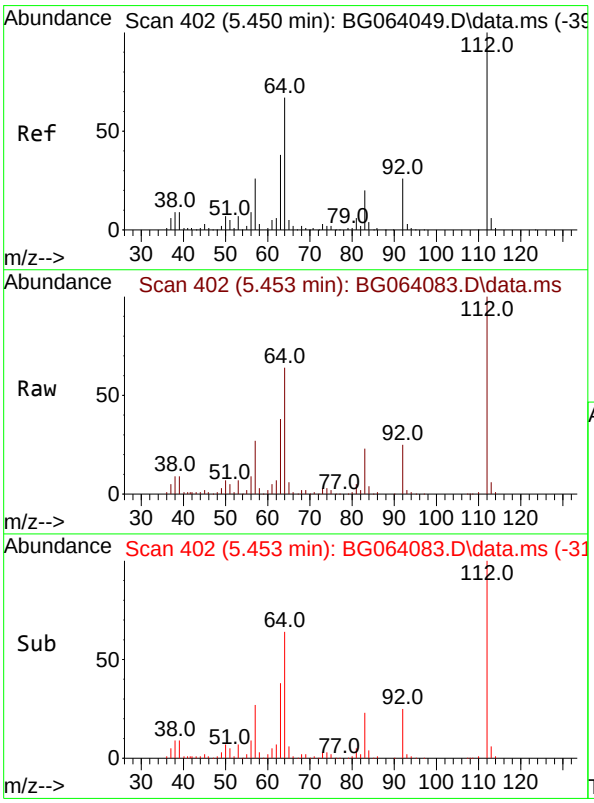
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.868 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG064083.D
Acq: 10 Mar 2025 16:25

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

Tgt Ion:152 Resp: 33131

Ion	Ratio	Lower	Upper
152	100		
150	152.3	129.2	193.8
115	62.3	63.0	94.6#

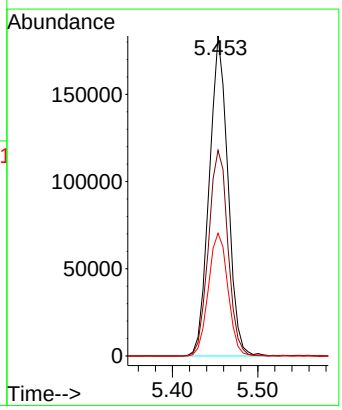


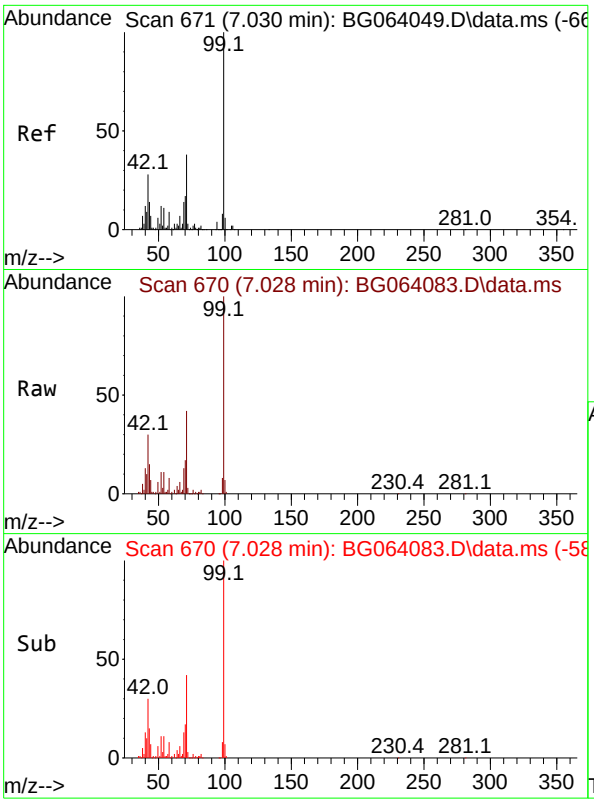


#5
2-Fluorophenol
Concen: 131.402 ng
RT: 5.453 min Scan# 402
Delta R.T. 0.003 min
Lab File: BG064083.D
Acq: 10 Mar 2025 16:25

Tgt Ion:112 Resp: 278811

Ion	Ratio	Lower	Upper
112	100		
64	64.2	53.7	80.5
63	38.4	30.2	45.4



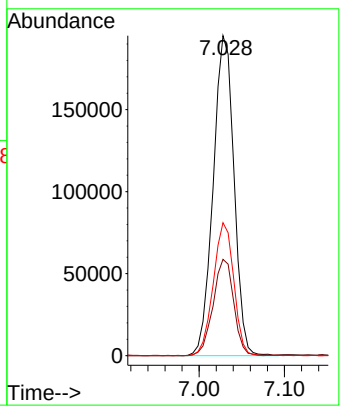


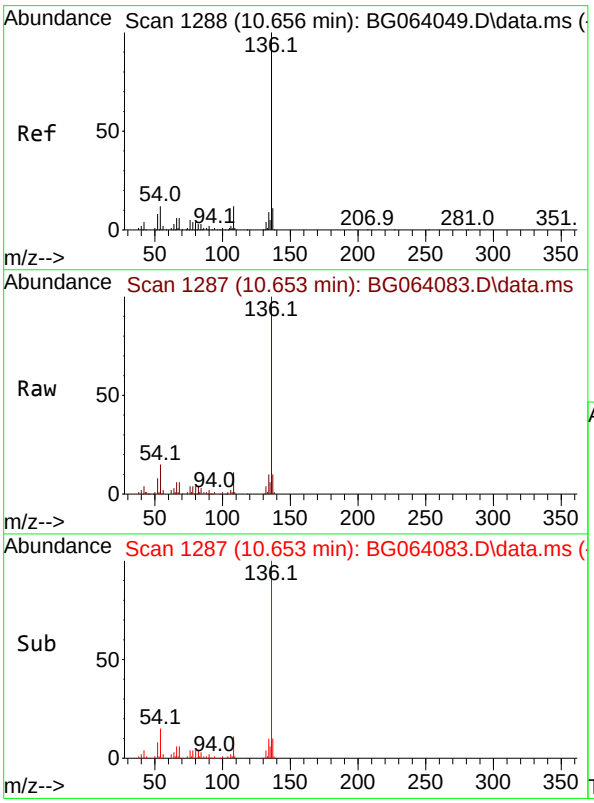
#7
Phenol-d6
Concen: 114.687 ng
RT: 7.028 min Scan# 6
Delta R.T. -0.002 min
Lab File: BG064083.D
Acq: 10 Mar 2025 16:25

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

Tgt Ion: 99 Resp: 331043

Ion	Ratio	Lower	Upper
99	100		
42	30.1	22.7	34.1
71	41.5	30.6	46.0

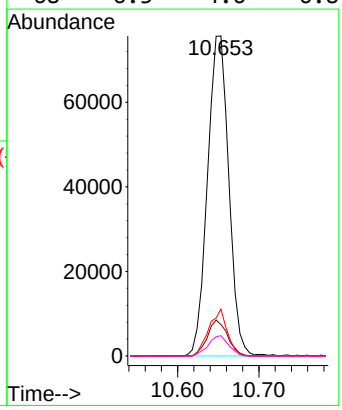


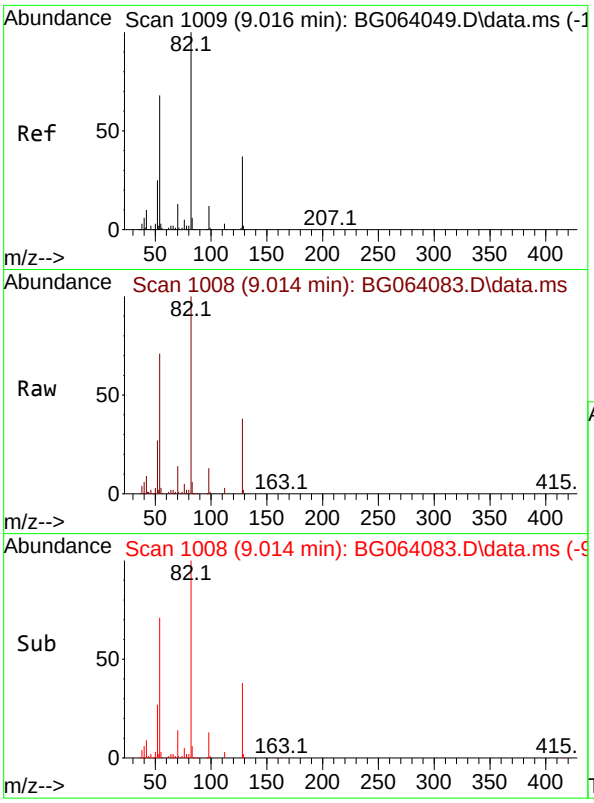


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.653 min Scan# 1287
Delta R.T. -0.003 min
Lab File: BG064083.D
Acq: 10 Mar 2025 16:25

Tgt Ion:136 Resp: 137948

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.5	12.7
54	14.6	9.9	14.9
68	6.3	4.6	6.8



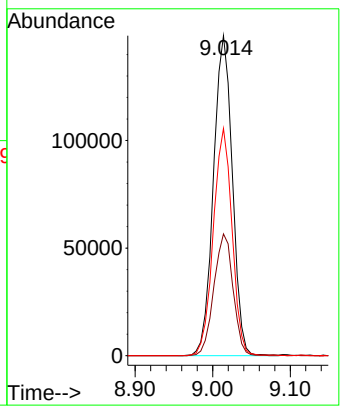


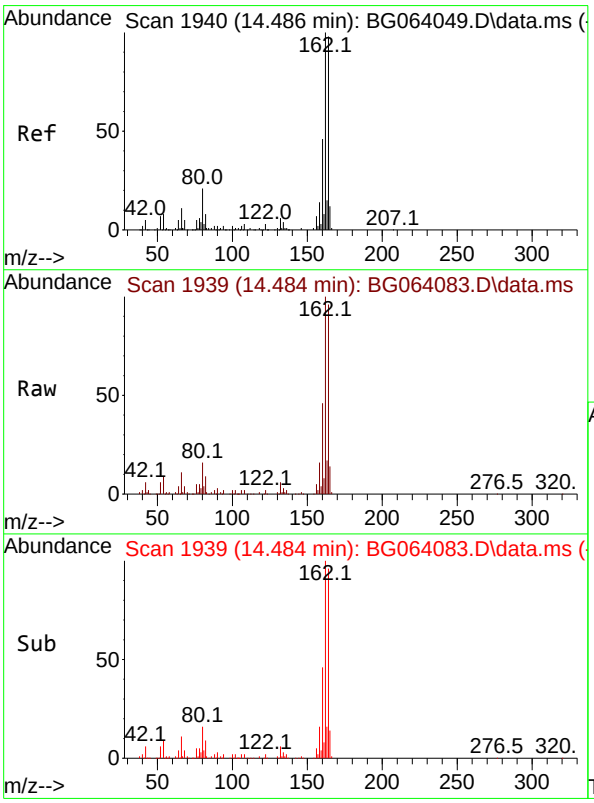
#23
Nitrobenzene-d5
Concen: 100.986 ng
RT: 9.014 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064083.D
Acq: 10 Mar 2025 16:25

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

Tgt Ion: 82 Resp: 252088

Ion	Ratio	Lower	Upper
82	100		
128	38.1	30.0	45.0
54	71.0	54.7	82.1

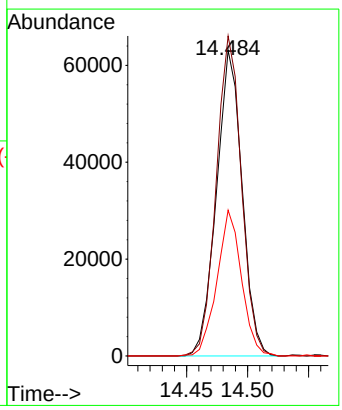


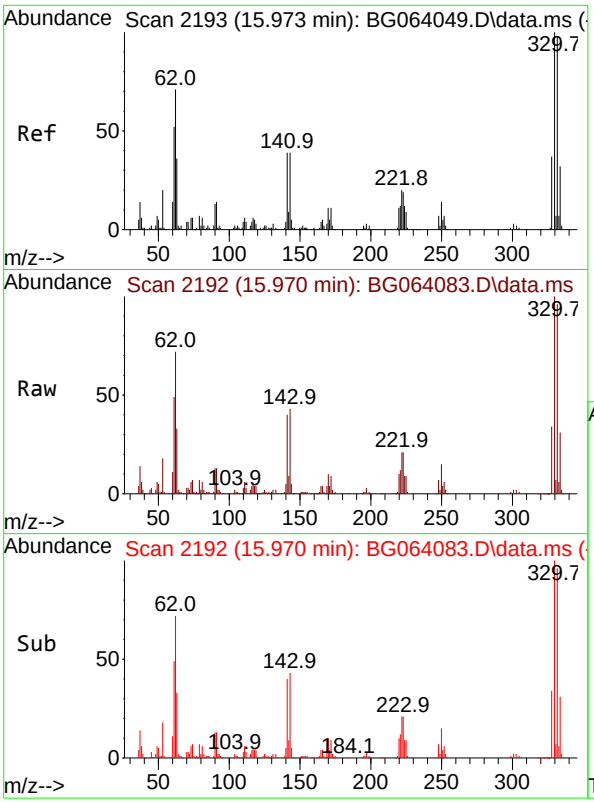


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.484 min Scan# 1939
Delta R.T. -0.002 min
Lab File: BG064083.D
Acq: 10 Mar 2025 16:25

Tgt Ion:164 Resp: 92307

Ion	Ratio	Lower	Upper
164	100		
162	104.7	81.4	122.0
160	47.7	37.0	55.6



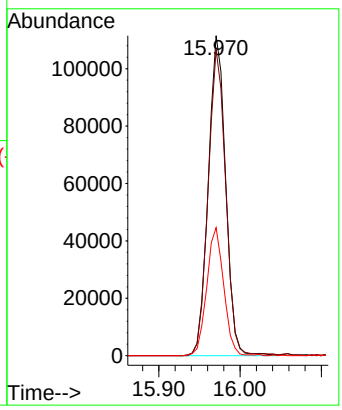


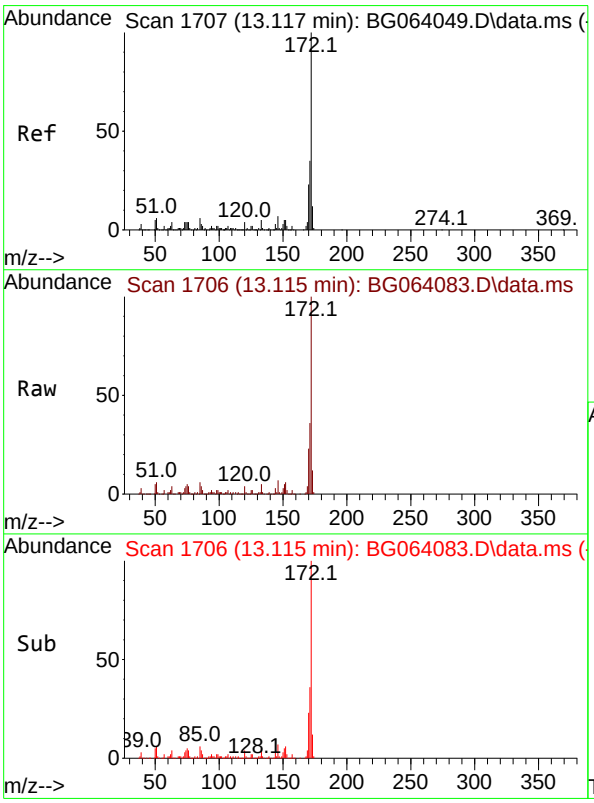
#42
2,4,6-Tribromophenol
Concen: 161.320 ng
RT: 15.970 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG064083.D
Acq: 10 Mar 2025 16:25

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

Tgt Ion:330 Resp: 165524

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.7	115.1
141	39.2	29.7	44.5

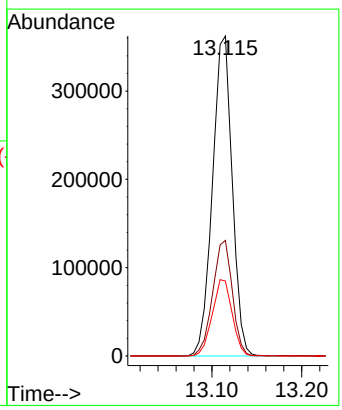


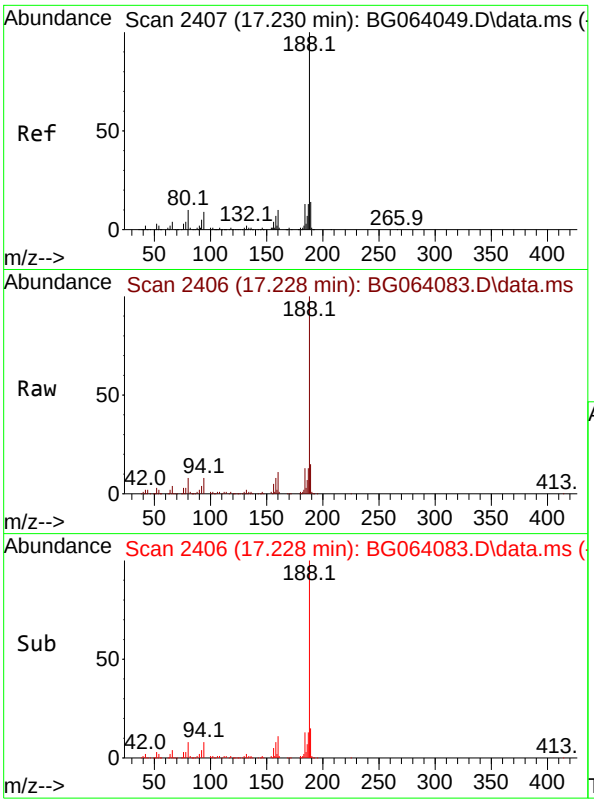


#45
2-Fluorobiphenyl
Concen: 90.847 ng
RT: 13.115 min Scan# 1706
Delta R.T. -0.002 min
Lab File: BG064083.D
Acq: 10 Mar 2025 16:25

Tgt Ion:172 Resp: 552471

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.0	42.0
170	23.4	18.7	28.1



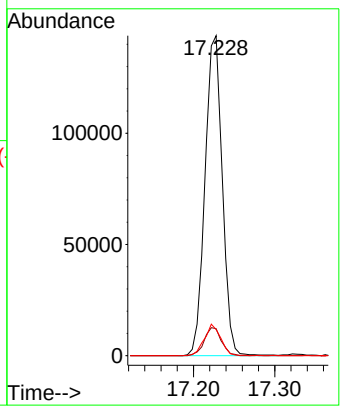


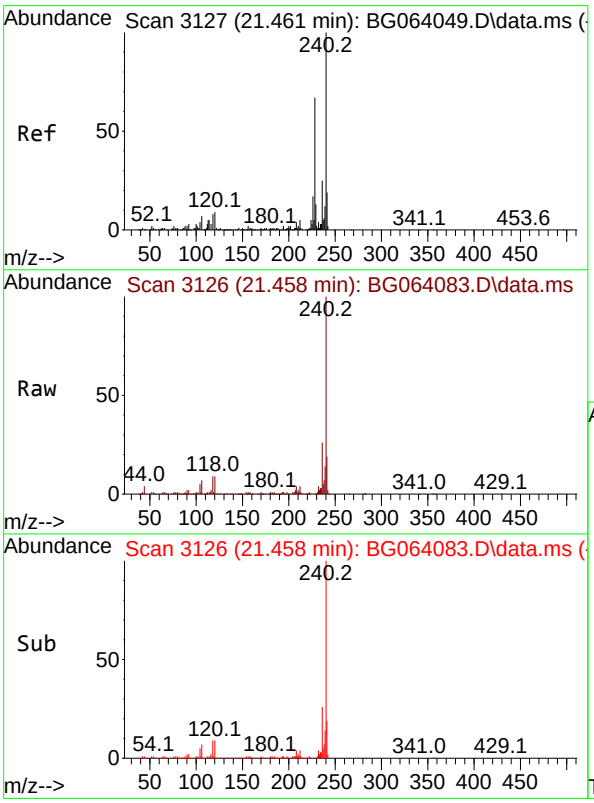
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.228 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG064083.D
Acq: 10 Mar 2025 16:25

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

Tgt Ion:188 Resp: 212136

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	8.2	8.1	12.1

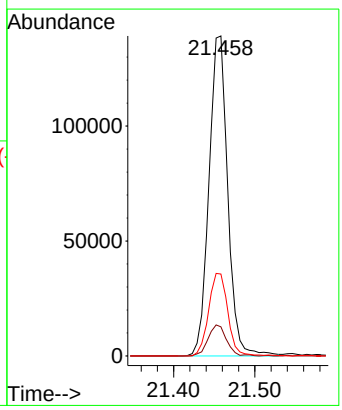


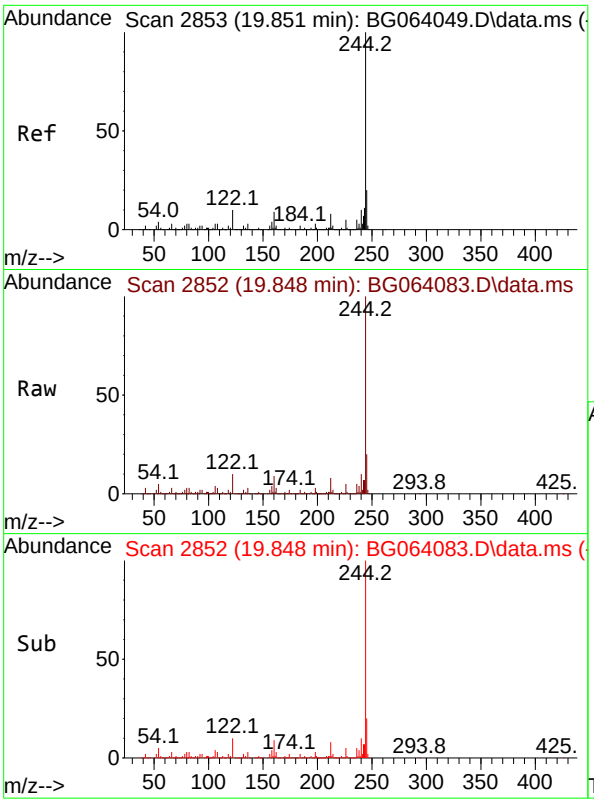


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.458 min Scan# 3126
Delta R.T. -0.002 min
Lab File: BG064083.D
Acq: 10 Mar 2025 16:25

Tgt Ion:240 Resp: 223138

Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.2	10.8
236	25.6	20.2	30.2



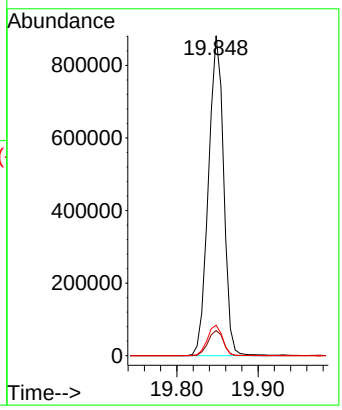


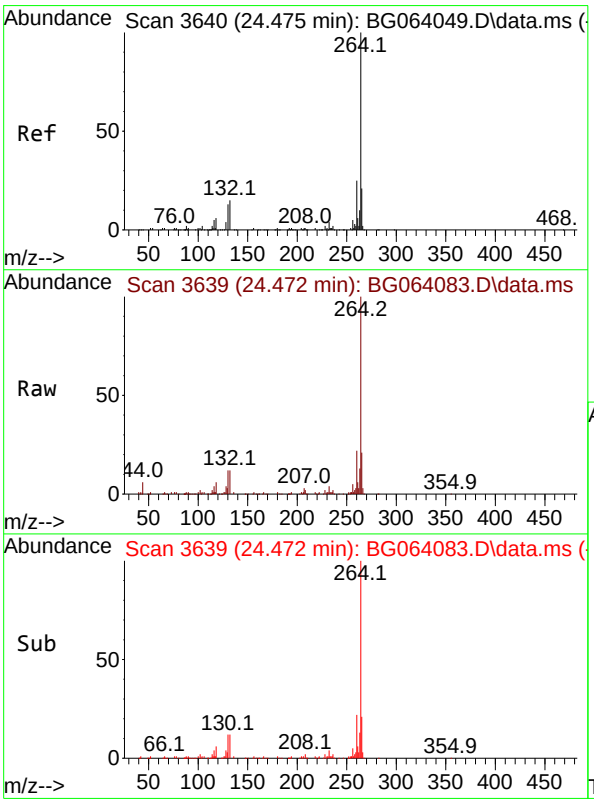
#79
Terphenyl-d14
Concen: 103.601 ng
RT: 19.848 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG064083.D
Acq: 10 Mar 2025 16:25

Instrument :
BNA_G
ClientSampleId :
ENV-105-SB02

Tgt Ion:244 Resp: 1143296

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.4
122	9.5	8.0	12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.472 min Scan# 3639
Delta R.T. -0.002 min
Lab File: BG064083.D
Acq: 10 Mar 2025 16:25

Tgt Ion:264 Resp: 227657

Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.6	29.4
265	21.1	16.6	25.0