Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
Data File : BG064081.D
Acq On : 10 Mar 2025 15:04
Operator : RC/JU
Sample : Q1488-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-104-SB02

Quant Time: Mar 10 16:46:08 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	32215	20.000	ng	0.00
21) Naphthalene-d8	10.651	136	132011	20.000	ng	0.00
39) Acenaphthene-d10	14.482	164	87599	20.000	ng	0.00
64) Phenanthrene-d10	17.226	188	206278	20.000	ng	0.00
76) Chrysene-d12	21.456	240	226436	20.000	ng	0.00
86) Perylene-d12	24.471	264	234414	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	291410	141.245	ng	0.00
7) Phenol-d6	7.032	99	347316	123.746	ng	0.00
23) Nitrobenzene-d5	9.018	82	260514	109.055	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	165587	170.055	ng	0.00
45) 2-Fluorobiphenyl	13.113	172	574775	99.595	ng	0.00
79) Terphenyl-d14	19.852	244	1190844	106.338	ng	0.00
Target Compounds						Qvalue

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

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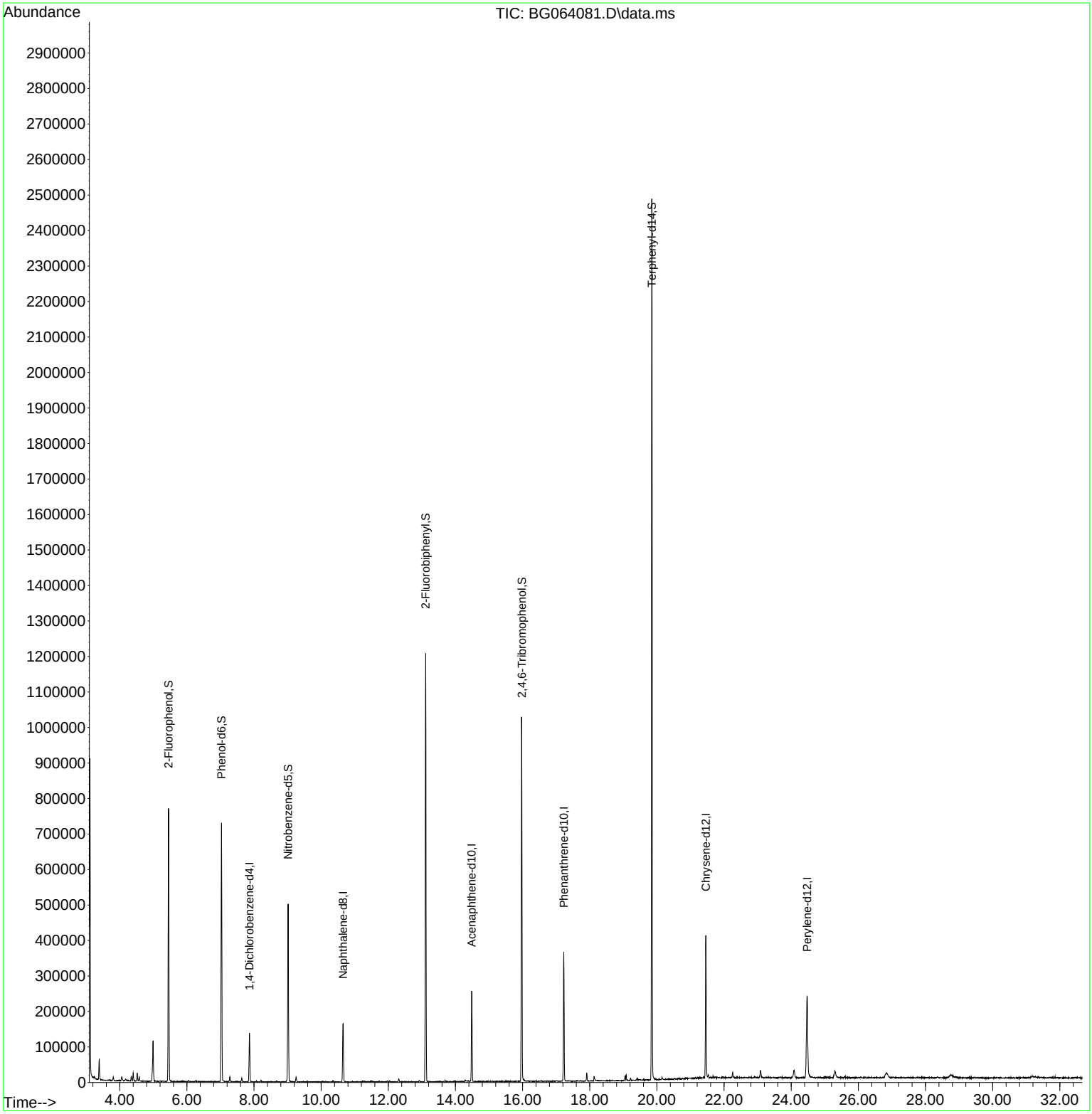
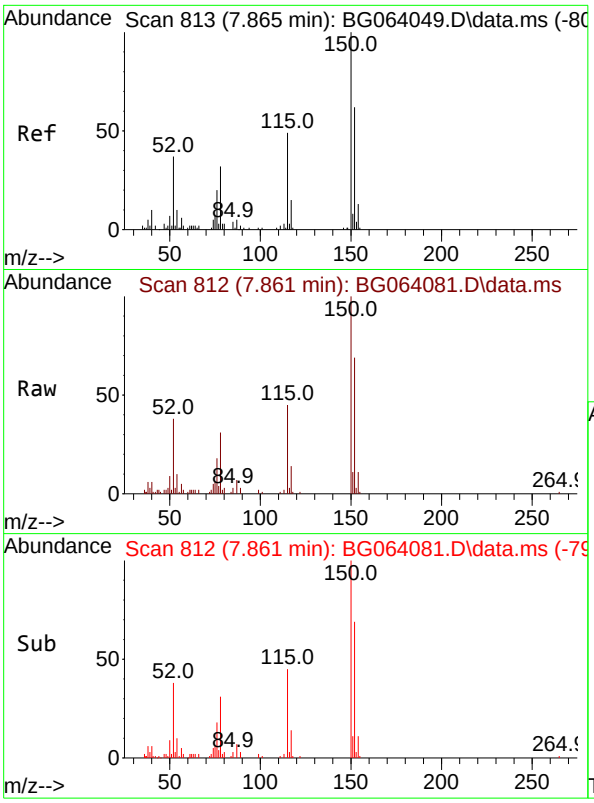


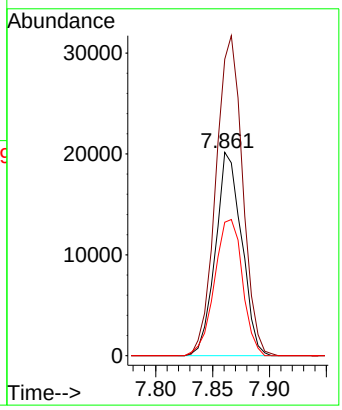


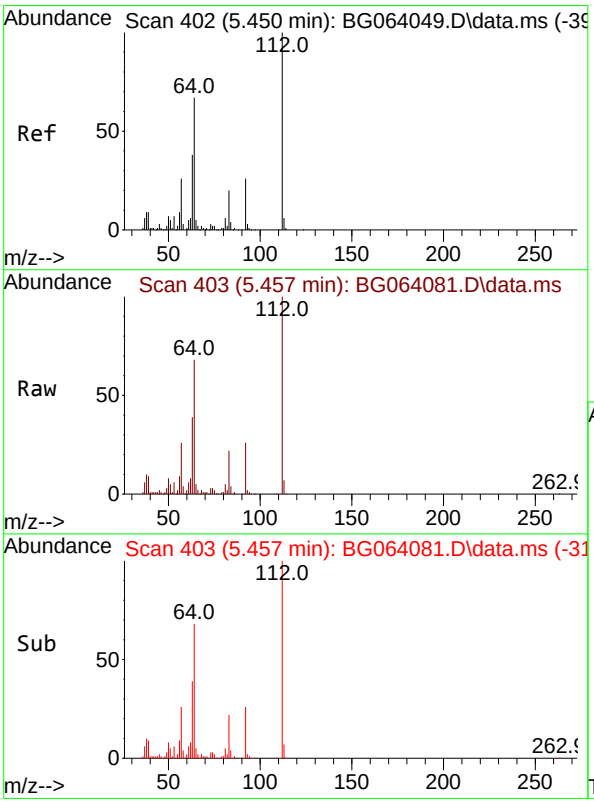
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.861 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

Instrument :
BNA_G
ClientSampleId :
ENV-104-SB02

Tgt Ion:152 Resp: 32215

Ion	Ratio	Lower	Upper
152	100		
150	145.8	129.2	193.8
115	65.6	63.0	94.6

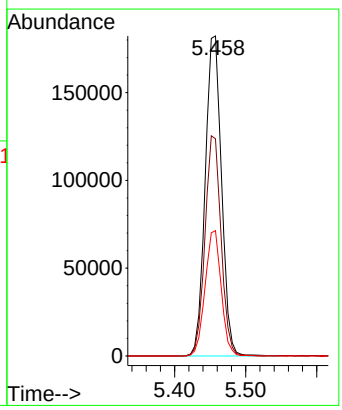


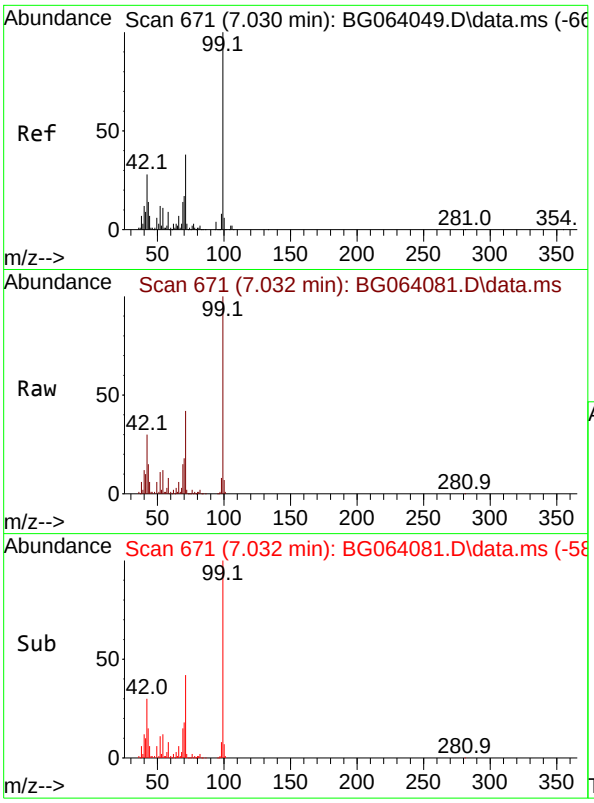


#5
2-Fluorophenol
Concen: 141.245 ng
RT: 5.457 min Scan# 403
Delta R.T. 0.008 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

Tgt Ion:112 Resp: 291410

Ion	Ratio	Lower	Upper
112	100		
64	67.8	53.7	80.5
63	39.1	30.2	45.4



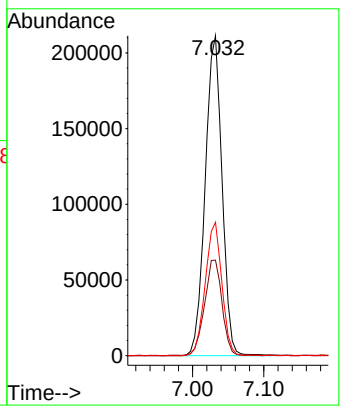


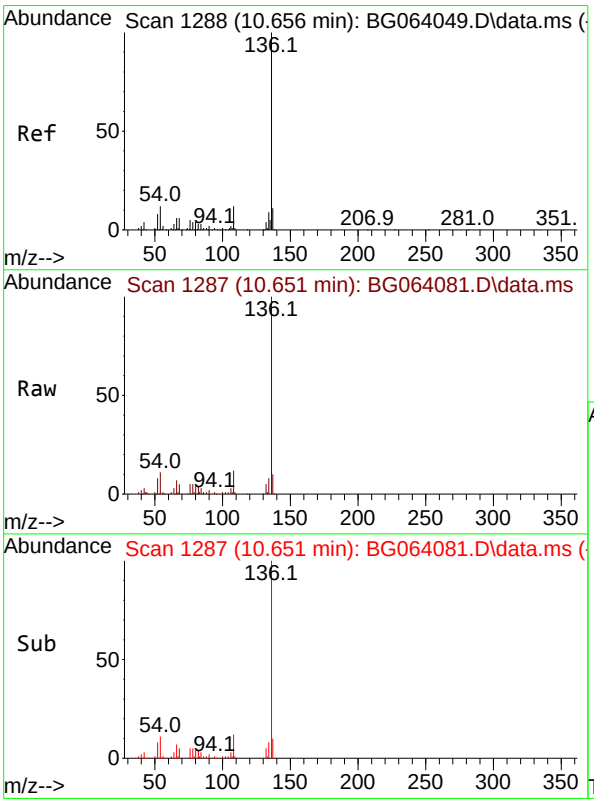
#7
Phenol-d6
Concen: 123.746 ng
RT: 7.032 min Scan# 6
Delta R.T. 0.002 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

Instrument :
BNA_G
ClientSampleId :
ENV-104-SB02

Tgt Ion: 99 Resp: 347316

Ion	Ratio	Lower	Upper
99	100		
42	29.9	22.7	34.1
71	41.7	30.6	46.0

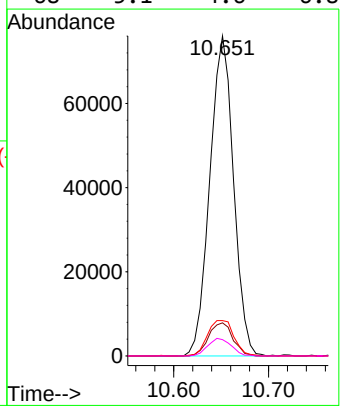


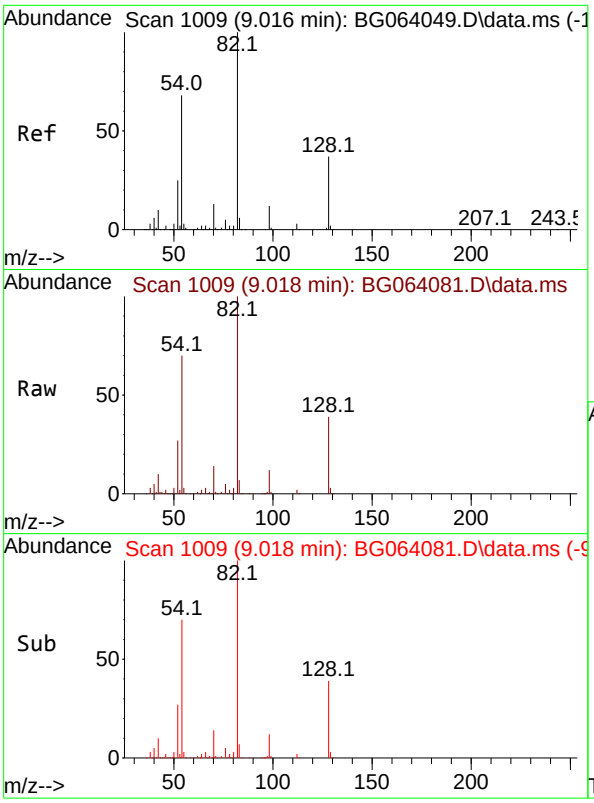


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 1287
Delta R.T. -0.005 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

Tgt Ion:136 Resp: 132011

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	11.1	9.9	14.9
68	5.1	4.6	6.8



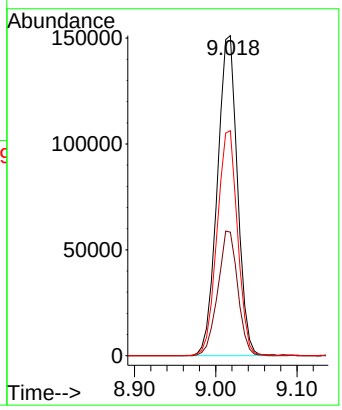


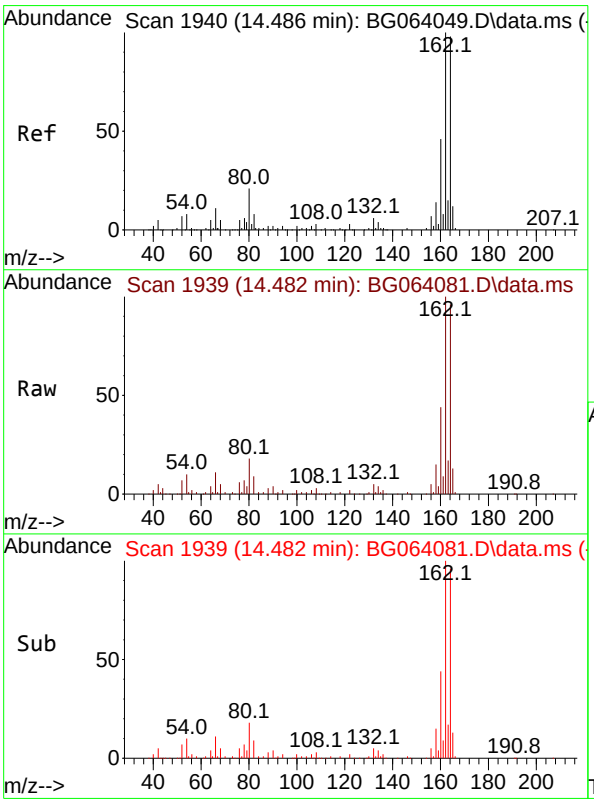
#23
Nitrobenzene-d5
Concen: 109.055 ng
RT: 9.018 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

Instrument :
BNA_G
ClientSampleId :
ENV-104-SB02

Tgt Ion: 82 Resp: 260514

Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.0	45.0
54	70.3	54.7	82.1

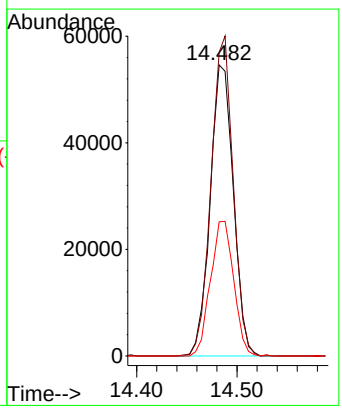


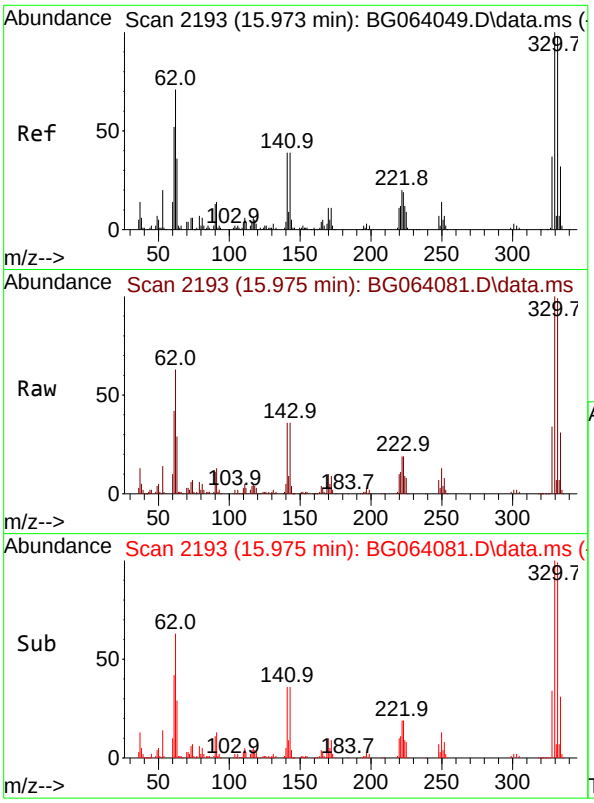


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.482 min Scan# 1939
Delta R.T. -0.004 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

Tgt Ion:164 Resp: 87599

Ion	Ratio	Lower	Upper
164	100		
162	104.3	81.4	122.0
160	46.1	37.0	55.6



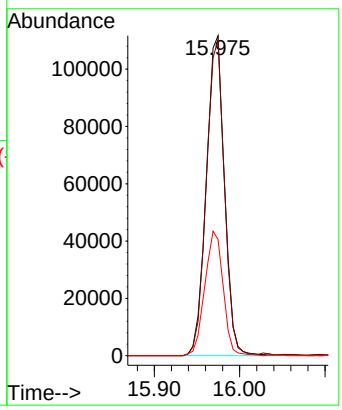


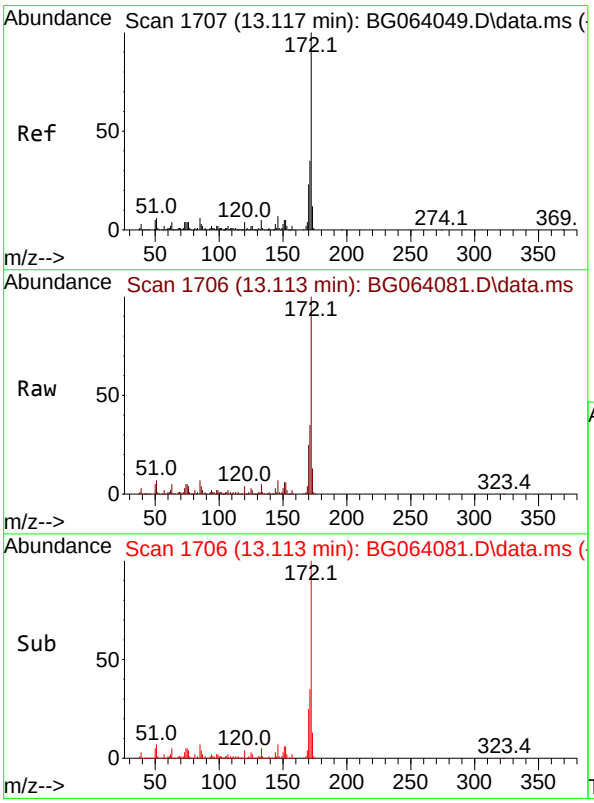
#42
2,4,6-Tribromophenol
Concen: 170.055 ng
RT: 15.975 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

Instrument :
BNA_G
ClientSampleId :
ENV-104-SB02

Tgt Ion:330 Resp: 165587

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.7	115.1
141	39.2	29.7	44.5

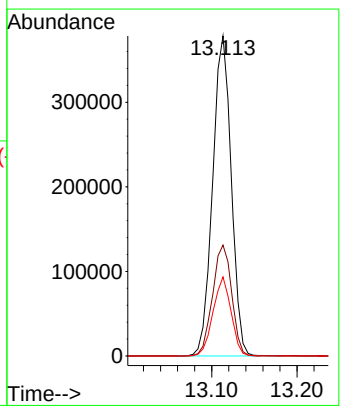


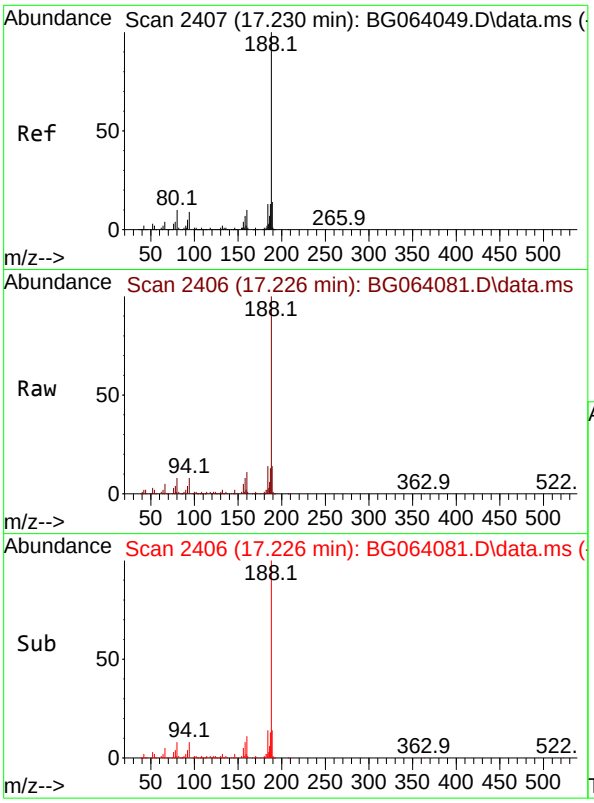


#45
2-Fluorobiphenyl
Concen: 99.595 ng
RT: 13.113 min Scan# 1706
Delta R.T. -0.004 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

Tgt Ion:172 Resp: 574775

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.0	42.0
170	24.7	18.7	28.1



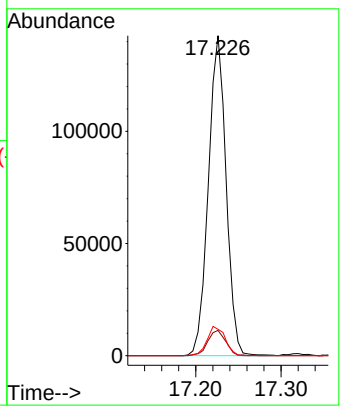


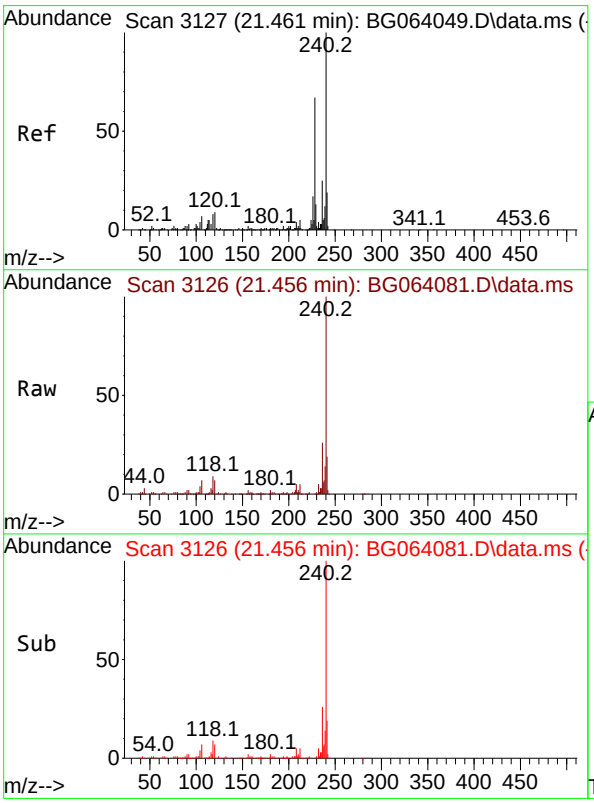
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.226 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

Instrument :
BNA_G
ClientSampleId :
ENV-104-SB02

Tgt Ion:188 Resp: 206278

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	8.2	8.1	12.1

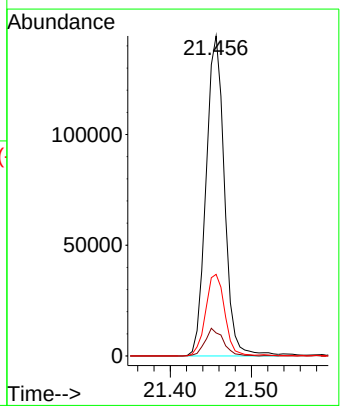


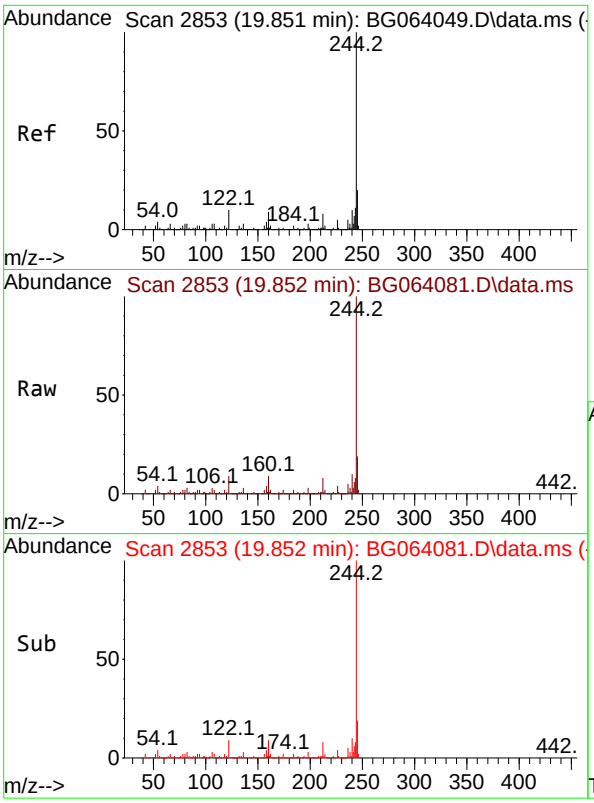


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.456 min Scan# 3126
Delta R.T. -0.004 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

Tgt Ion:240 Resp: 226436

Ion	Ratio	Lower	Upper
240	100		
120	7.2	7.2	10.8
236	25.5	20.2	30.2



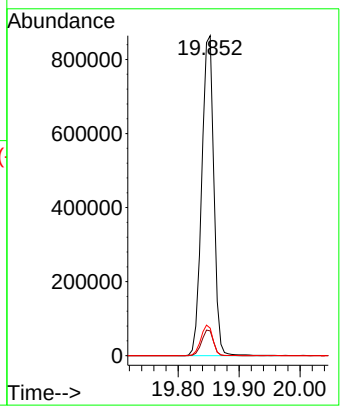


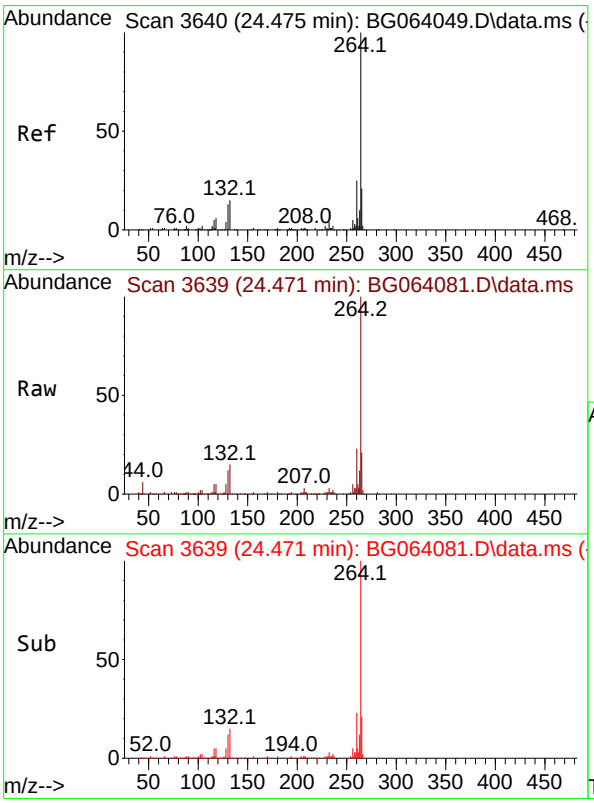
#79
Terphenyl-d14
Concen: 106.338 ng
RT: 19.852 min Scan# 2
Delta R.T. 0.002 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

Instrument :
BNA_G
ClientSampleId :
ENV-104-SB02

Tgt Ion:244 Resp: 1190844

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.4
122	8.6	8.0	12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.471 min Scan# 3639
Delta R.T. -0.004 min
Lab File: BG064081.D
Acq: 10 Mar 2025 15:04

Tgt Ion:264 Resp: 234414

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.6	29.4
265	21.0	16.6	25.0