Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
Data File : BG064238.D
Acq On : 29 Aug 2025 22:02
Operator : RC/JU
Sample : Q2982-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MOO-25-0244-0248

Quant Time: Aug 29 23:22:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	27890	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	136426	20.000	ng	0.00
39) Acenaphthene-d10	14.482	164	103765	20.000	ng	0.00
64) Phenanthrene-d10	17.220	188	231463	20.000	ng	0.00
76) Chrysene-d12	21.450	240	220543	20.000	ng	0.00
86) Perylene-d12	24.458	264	249620	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	152516	98.110	ng	0.00
7) Phenol-d6	7.020	99	214909	100.628	ng	-0.01
23) Nitrobenzene-d5	9.006	82	142284	58.165	ng	-0.01
42) 2,4,6-Tribromophenol	15.968	330	117308	85.351	ng	0.00
45) 2-Fluorobiphenyl	13.107	172	378548	55.683	ng	0.00
79) Terphenyl-d14	19.840	244	655327	61.994	ng	0.00
Target Compounds						Qvalue

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

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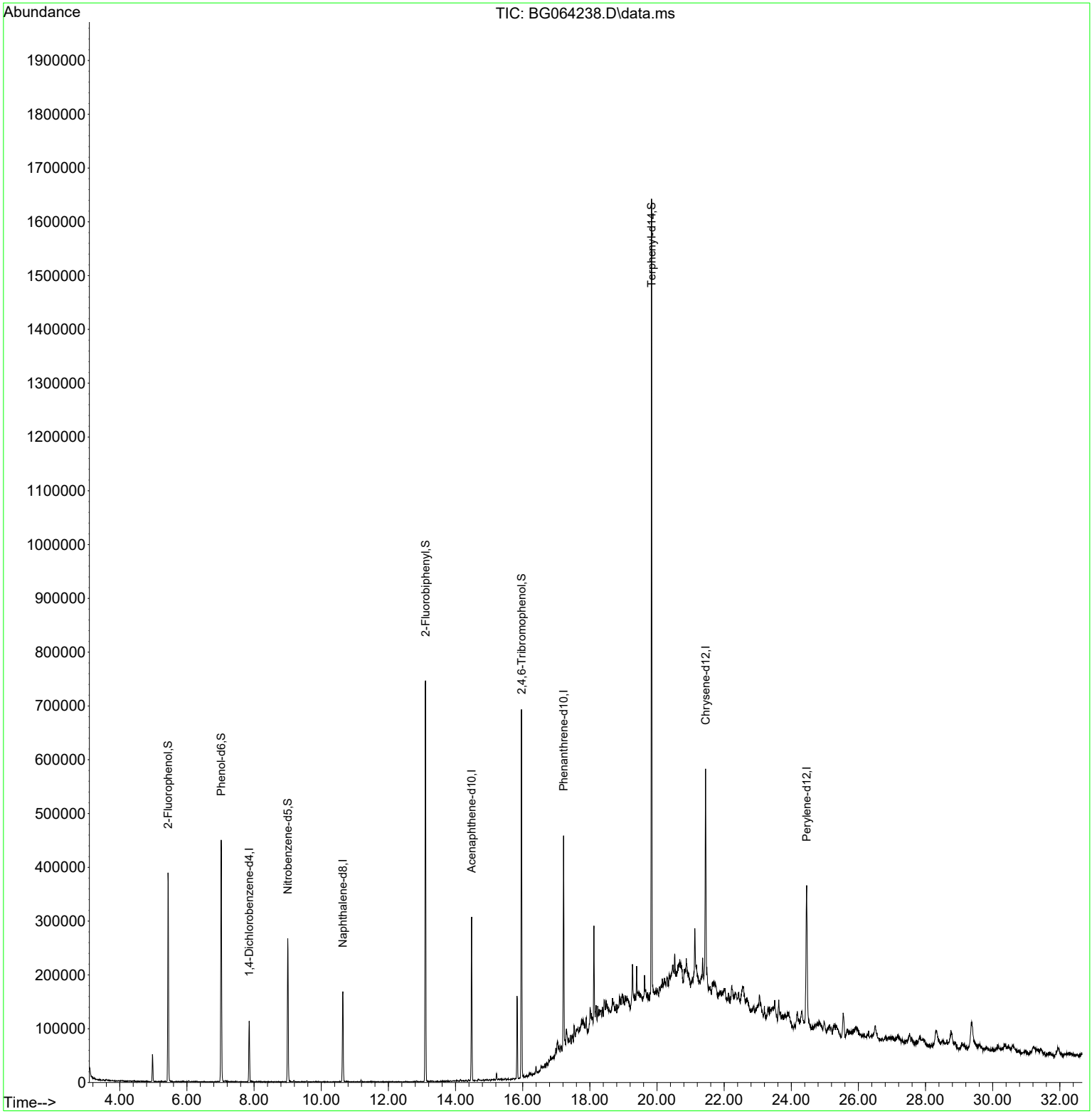
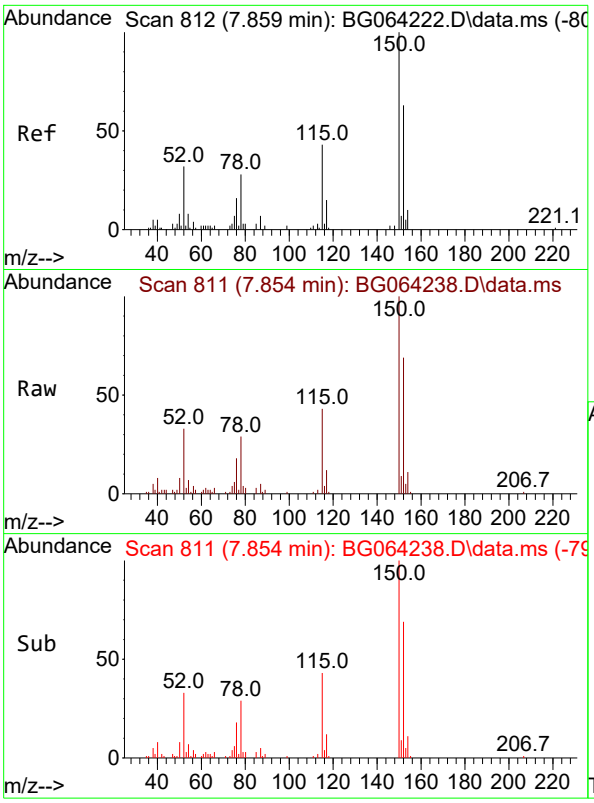


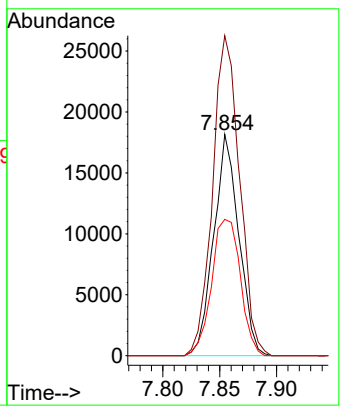


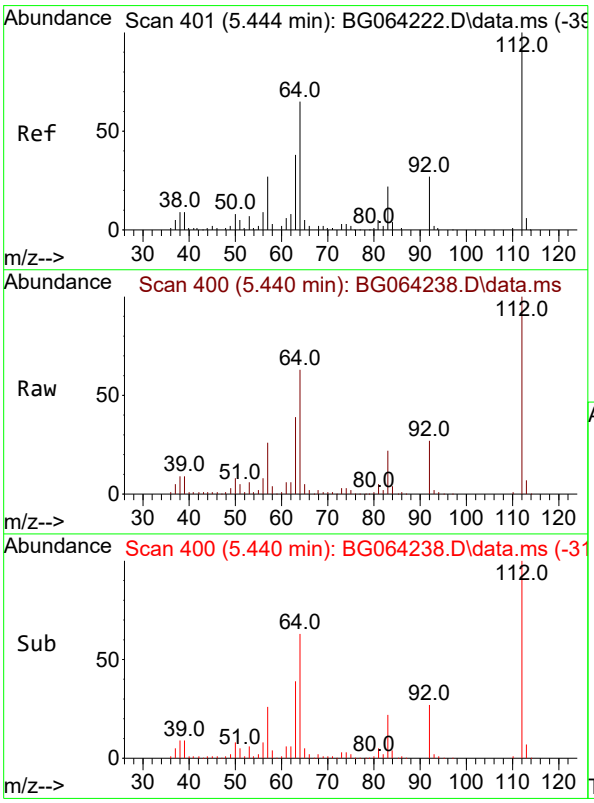
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.854 min Scan# 8
Delta R.T. -0.005 min
Lab File: BG064238.D
Acq: 29 Aug 2025 22:02

Instrument :
BNA_G
ClientSampleId :
MOO-25-0244-0248

Tgt Ion:152 Resp: 27890

Ion	Ratio	Lower	Upper
152	100		
150	144.6	128.0	192.0
115	61.6	55.7	83.5

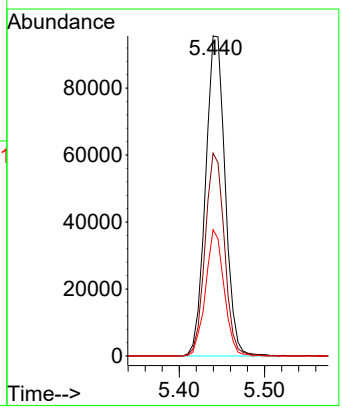


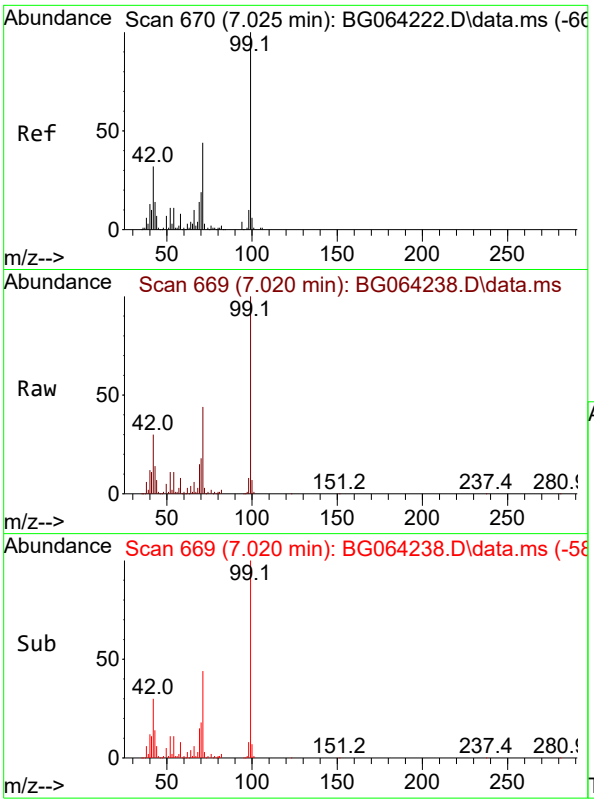


#5
2-Fluorophenol
Concen: 98.110 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.005 min
Lab File: BG064238.D
Acq: 29 Aug 2025 22:02

Tgt Ion:112 Resp: 152516

Ion	Ratio	Lower	Upper
112	100		
64	63.3	51.8	77.6
63	39.5	30.6	45.8



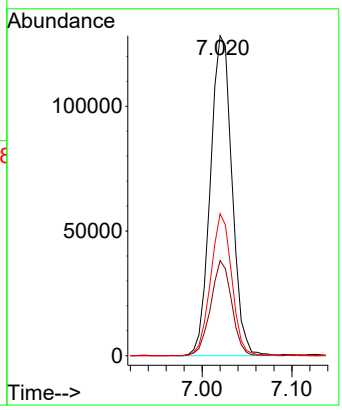


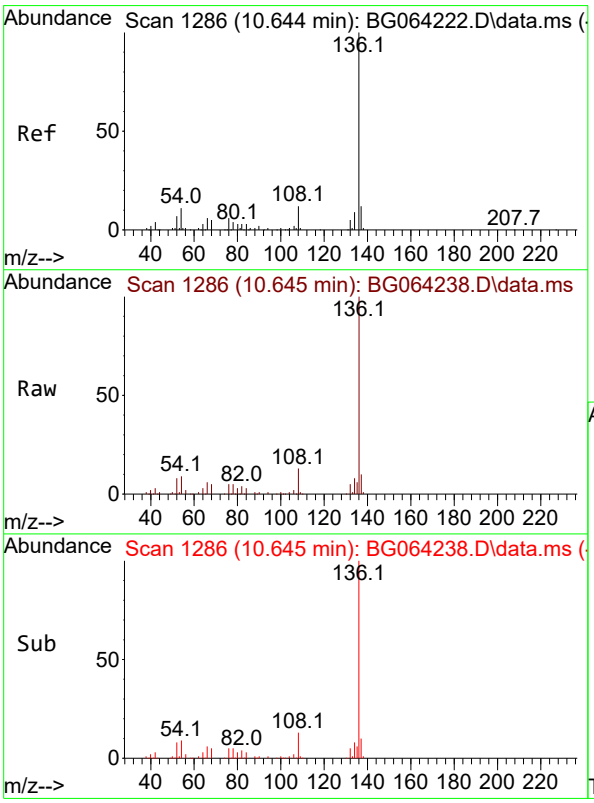
#7
Phenol-d6
Concen: 100.628 ng
RT: 7.020 min Scan# 6
Delta R.T. -0.011 min
Lab File: BG064238.D
Acq: 29 Aug 2025 22:02

Instrument :
BNA_G
ClientSampleId :
MOO-25-0244-0248

Tgt Ion: 99 Resp: 214909

Ion	Ratio	Lower	Upper
99	100		
42	29.7	25.8	38.8
71	44.4	35.2	52.8

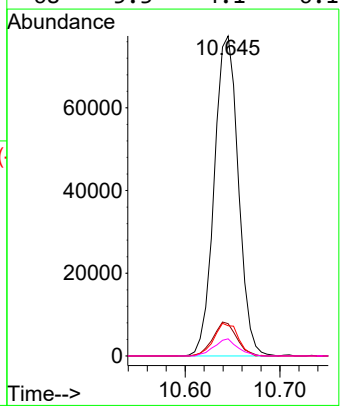


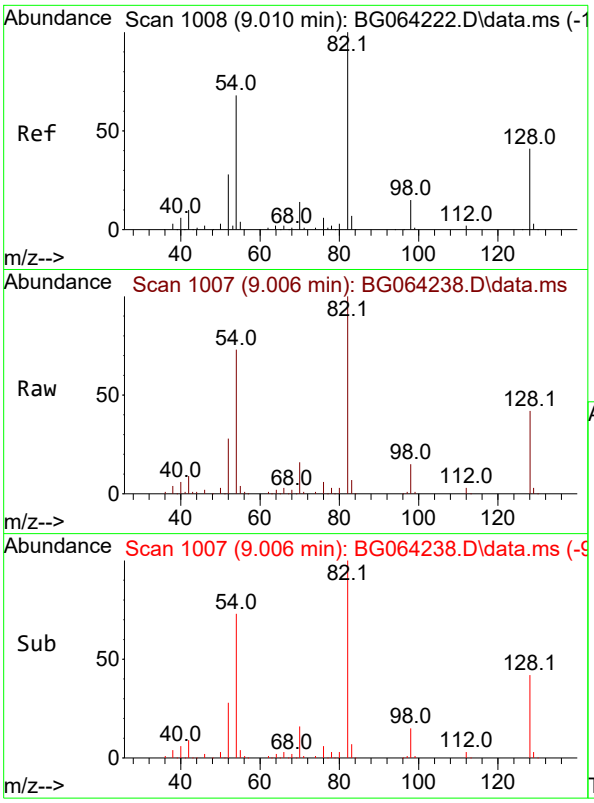


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1286
Delta R.T. -0.005 min
Lab File: BG064238.D
Acq: 29 Aug 2025 22:02

Tgt Ion:136 Resp: 136426

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.6	14.4
54	9.4	8.8	13.2
68	5.3	4.1	6.1



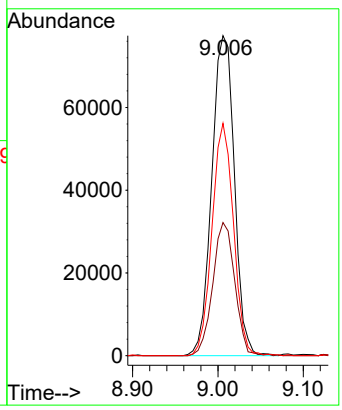


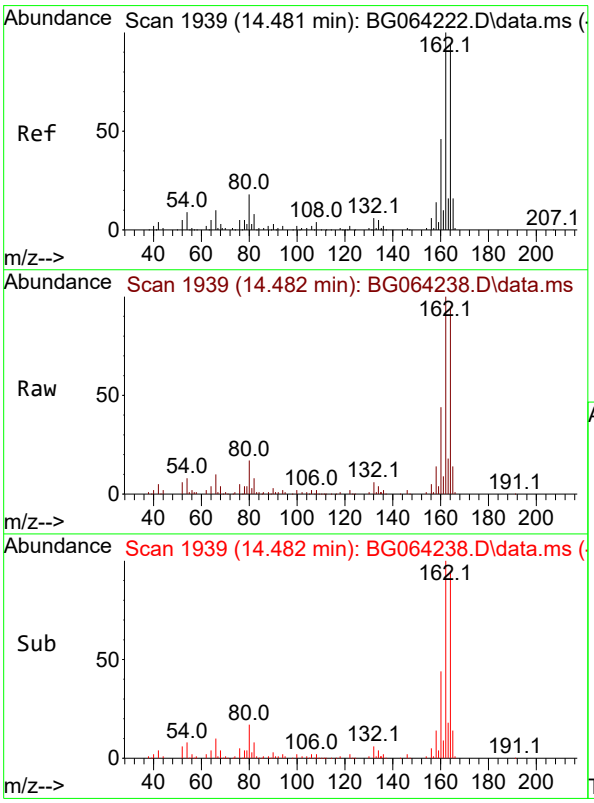
#23
Nitrobenzene-d5
Concen: 58.165 ng
RT: 9.006 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG064238.D
Acq: 29 Aug 2025 22:02

Instrument :
BNA_G
ClientSampleId :
MOO-25-0244-0248

Tgt Ion: 82 Resp: 142284

Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.6	48.8
54	72.6	54.7	82.1

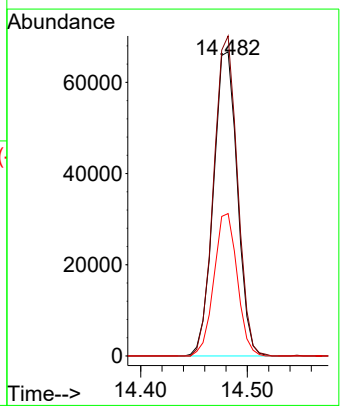


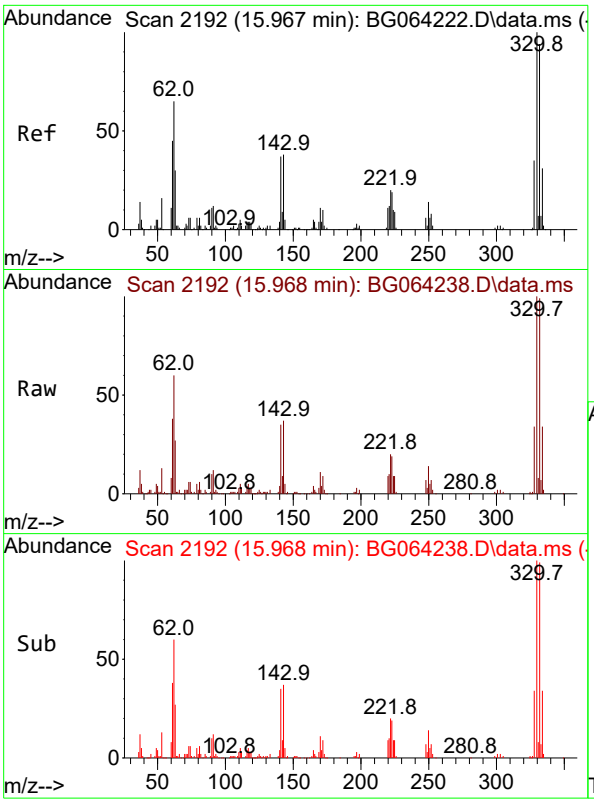


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.482 min Scan# 1939
Delta R.T. 0.001 min
Lab File: BG064238.D
Acq: 29 Aug 2025 22:02

Tgt Ion:164 Resp: 103765

Ion	Ratio	Lower	Upper
164	100		
162	105.2	85.4	128.0
160	46.8	39.2	58.8



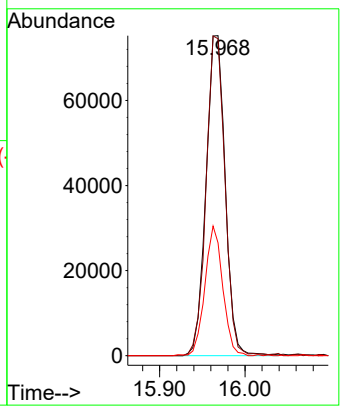


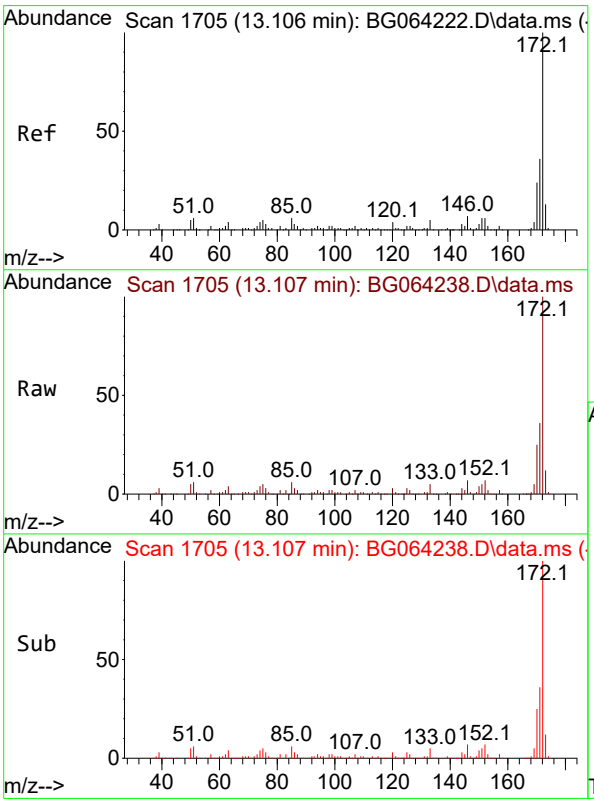
#42
2,4,6-Tribromophenol
Concen: 85.351 ng
RT: 15.968 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG064238.D
Acq: 29 Aug 2025 22:02

Instrument :
BNA_G
ClientSampleId :
MOO-25-0244-0248

Tgt Ion:330 Resp: 117308

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.6	116.4
141	37.8	29.8	44.6

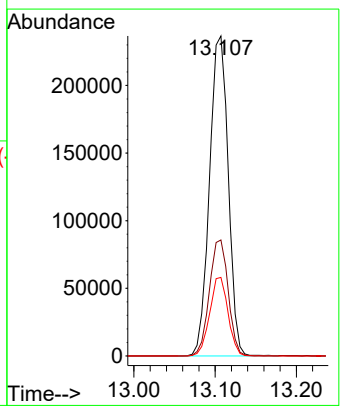


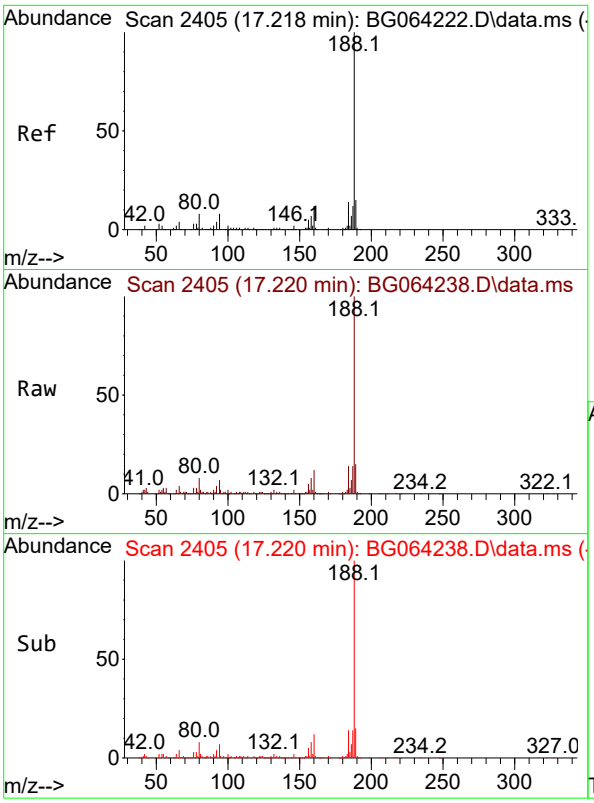


#45
2-Fluorobiphenyl
Concen: 55.683 ng
RT: 13.107 min Scan# 1705
Delta R.T. -0.005 min
Lab File: BG064238.D
Acq: 29 Aug 2025 22:02

Tgt Ion:172 Resp: 378548

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.7	43.1
170	24.6	19.0	28.6



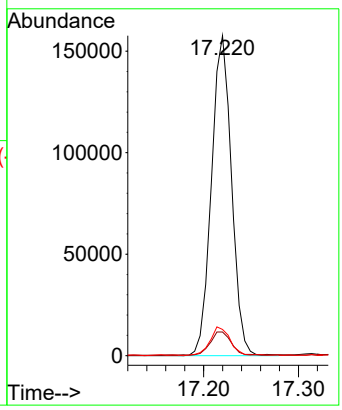


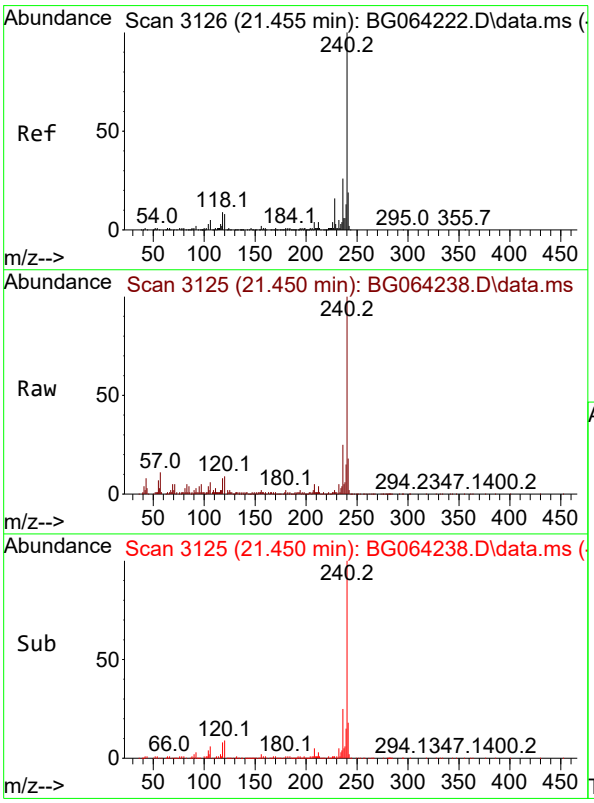
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.220 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG064238.D
Acq: 29 Aug 2025 22:02

Instrument :
BNA_G
ClientSampleId :
MOO-25-0244-0248

Tgt Ion:188 Resp: 231463

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.2	9.4
80	8.2	6.8	10.2

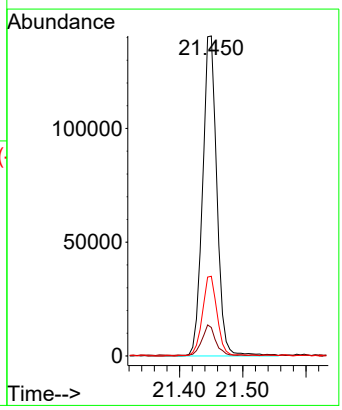


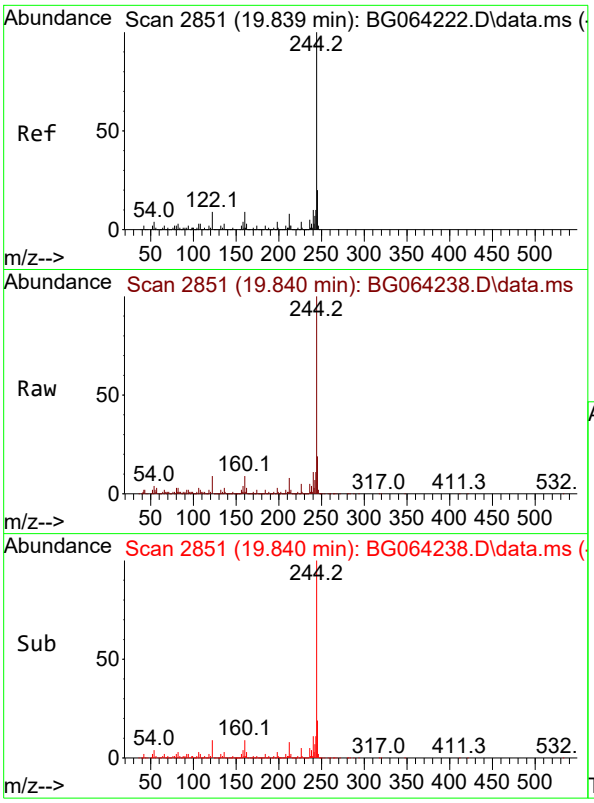


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3125
Delta R.T. -0.005 min
Lab File: BG064238.D
Acq: 29 Aug 2025 22:02

Tgt Ion:240 Resp: 220543

Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.2	9.4
236	24.9	20.5	30.7



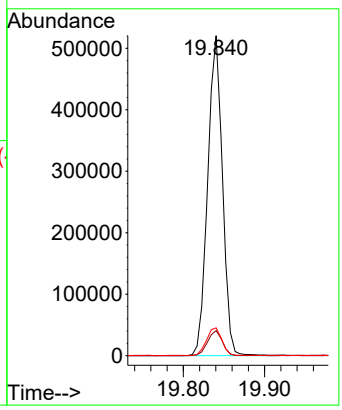


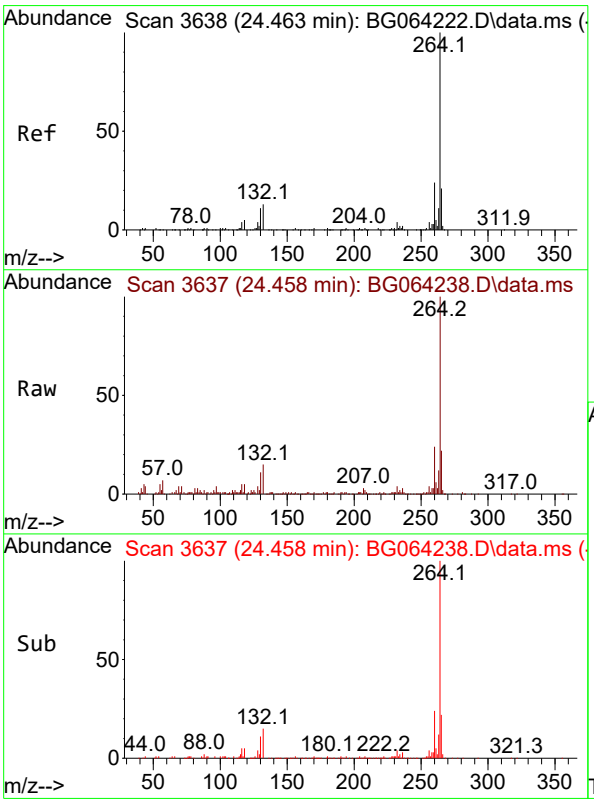
#79
Terphenyl-d14
Concen: 61.994 ng
RT: 19.840 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064238.D
Acq: 29 Aug 2025 22:02

Instrument :
BNA_G
ClientSampleId :
MOO-25-0244-0248

Tgt Ion:244 Resp: 655327

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.6	10.0
122	8.7	7.0	10.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.458 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BG064238.D
Acq: 29 Aug 2025 22:02

Tgt Ion:264 Resp: 249620

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.9	16.7	25.1