Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111925\
Data File : BG064813.D
Acq On : 19 Nov 2025 13:01
Operator : RC/JU
Sample : Q3530-01
Misc : LOD-SOIL-2.5PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Quant Time: Nov 19 13:37:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 12 17:10:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.159	152	41547	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	167121	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	143249	20.000	ng	0.00
64) Phenanthrene-d10	17.501	188	358301	20.000	ng	0.00
76) Chrysene-d12	21.749	240	421579	20.000	ng	0.00
86) Perylene-d12	25.016	264	408690	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	270421	113.658	ng	0.00
7) Phenol-d6	7.307	99	370819	117.180	ng	0.00
23) Nitrobenzene-d5	9.323	82	243633	72.079	ng	0.00
42) 2,4,6-Tribromophenol	16.250	330	335716	120.165	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	717438	69.883	ng	0.00
79) Terphenyl-d14	20.092	244	1693293	79.009	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.964	70	4653	2.175	ng	# 88

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111925\
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Acq On : 19 Nov 2025 13:01
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Misc : LOD-SOIL-2.5PPM
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BNA_G
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LOD-MDL-SOIL-01-QT4-2025

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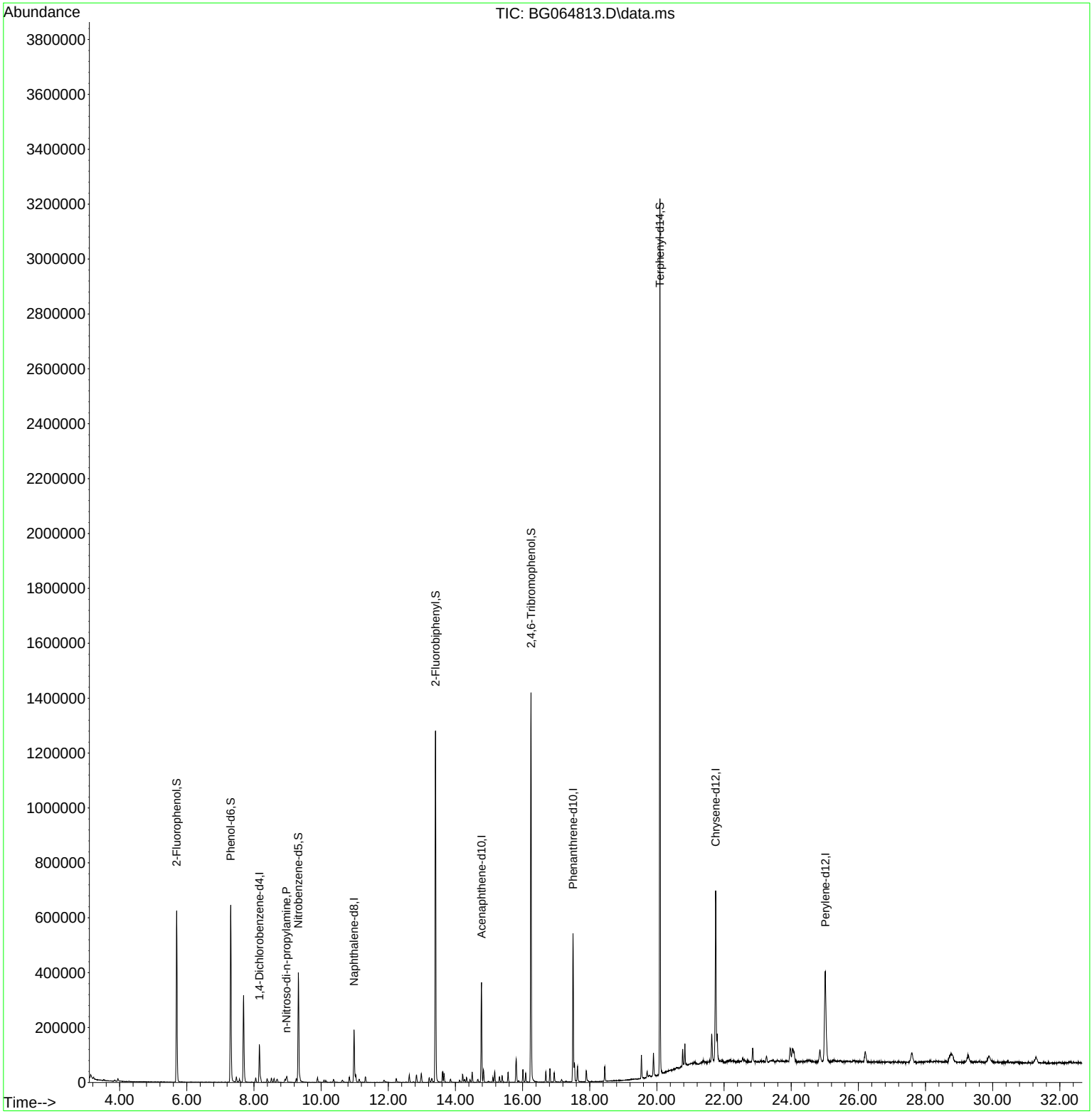
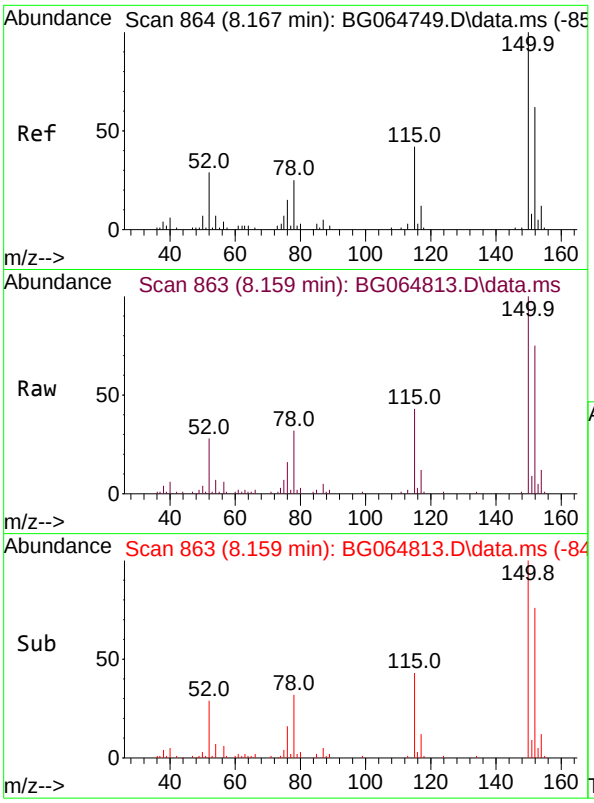


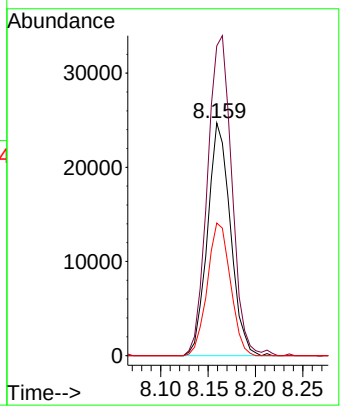


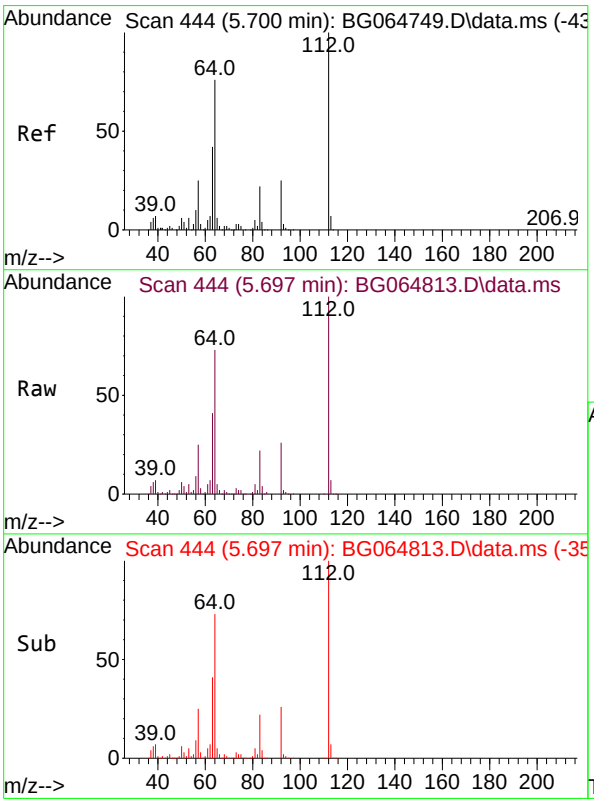
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.159 min Scan# 8
Delta R.T. -0.008 min
Lab File: BG064813.D
Acq: 19 Nov 2025 13:01

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:152 Resp: 41547

Ion	Ratio	Lower	Upper
152	100		
150	133.1	129.2	193.8
115	57.0	53.7	80.5

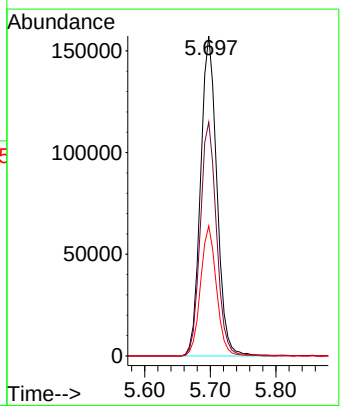


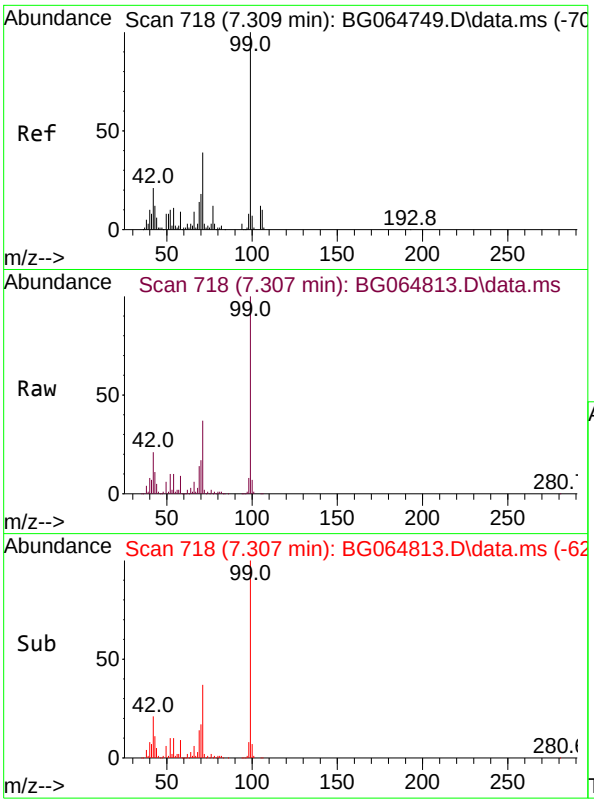


#5
2-Fluorophenol
Concen: 113.658 ng
RT: 5.697 min Scan# 444
Delta R.T. -0.002 min
Lab File: BG064813.D
Acq: 19 Nov 2025 13:01

Tgt Ion:112 Resp: 270421

Ion	Ratio	Lower	Upper
112	100		
64	73.0	61.0	91.4
63	40.6	33.3	49.9



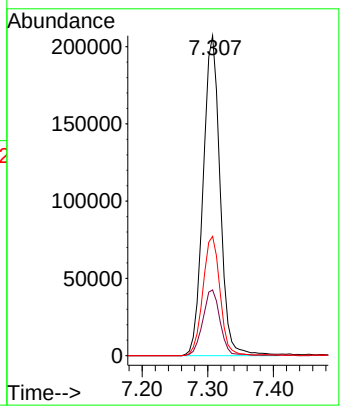


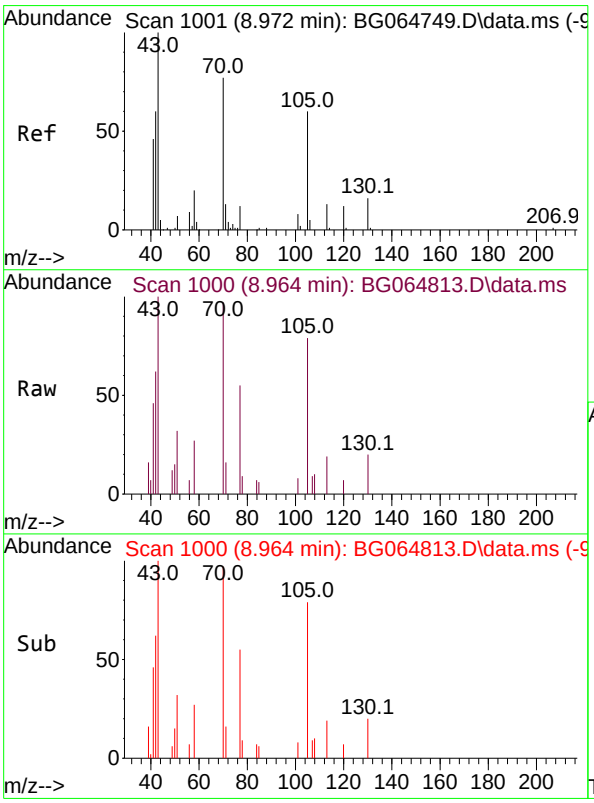
#7
Phenol-d6
Concen: 117.180 ng
RT: 7.307 min Scan# 71
Delta R.T. -0.002 min
Lab File: BG064813.D
Acq: 19 Nov 2025 13:01

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion: 99 Resp: 370819

Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.8	25.2
71	37.3	31.1	46.7

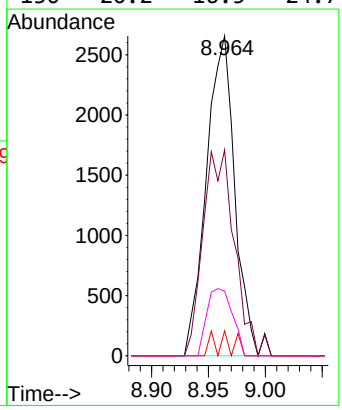


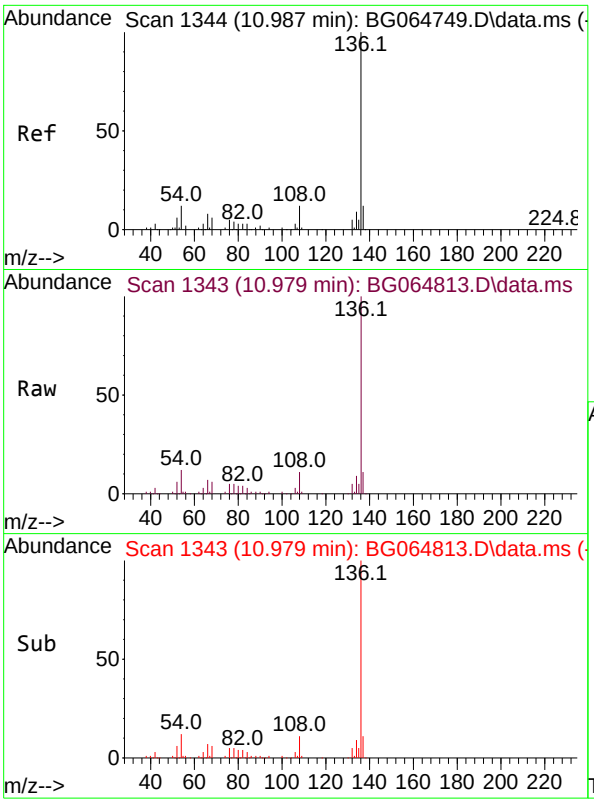


#19
n-Nitroso-di-n-propylamine
Concen: 2.175 ng
RT: 8.964 min Scan# 1000
Delta R.T. -0.008 min
Lab File: BG064813.D
Acq: 19 Nov 2025 13:01

Tgt Ion: 70 Resp: 4653

Ion	Ratio	Lower	Upper
70	100		
42	64.4	62.6	93.8
101	7.8	8.0	12.0#
130	20.2	16.5	24.7



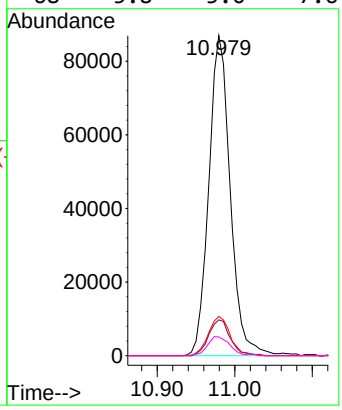


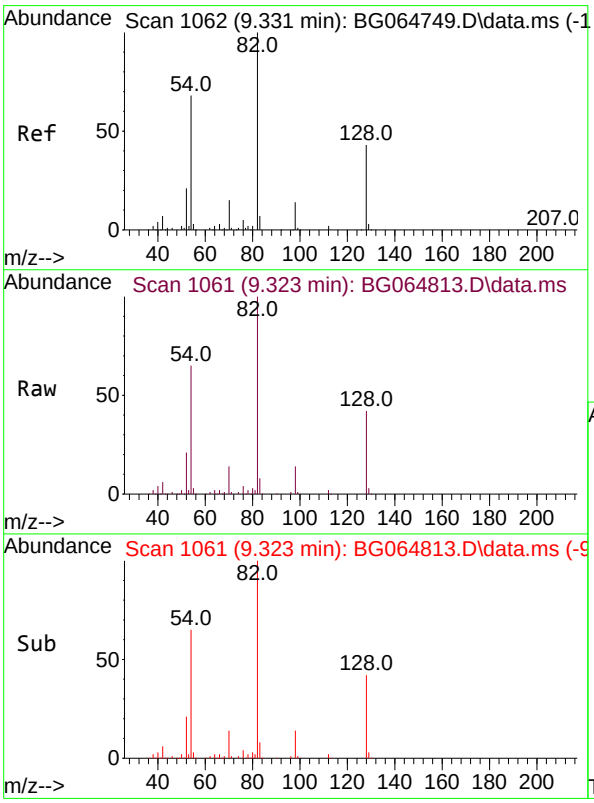
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.979 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG064813.D
Acq: 19 Nov 2025 13:01

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:136 Resp: 167121

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.3	13.9
54	12.2	9.3	13.9
68	5.8	5.0	7.6

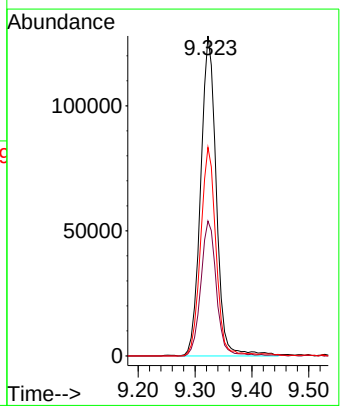


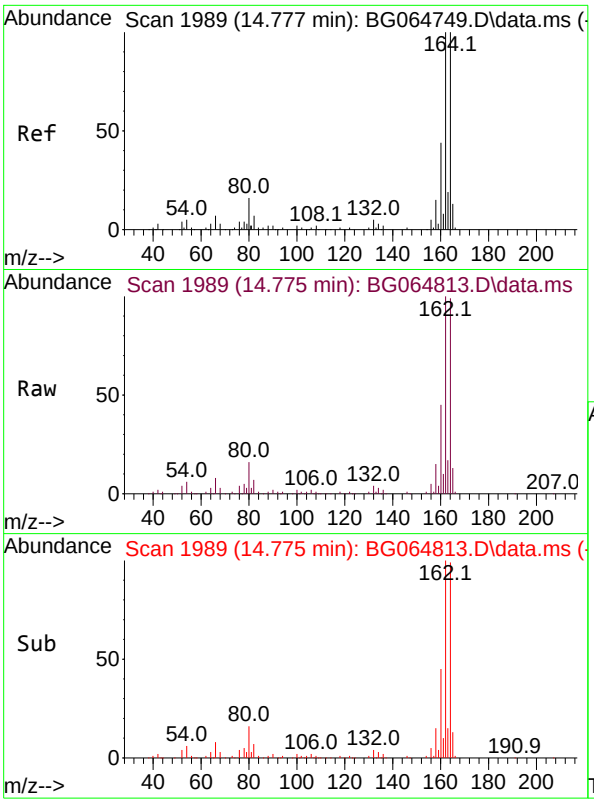


#23
Nitrobenzene-d5
Concen: 72.079 ng
RT: 9.323 min Scan# 1061
Delta R.T. -0.008 min
Lab File: BG064813.D
Acq: 19 Nov 2025 13:01

Tgt Ion: 82 Resp: 243633

Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.1	51.1
54	65.2	54.3	81.5



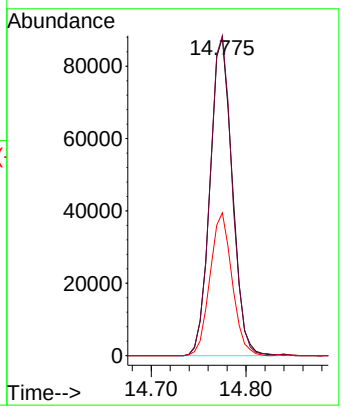


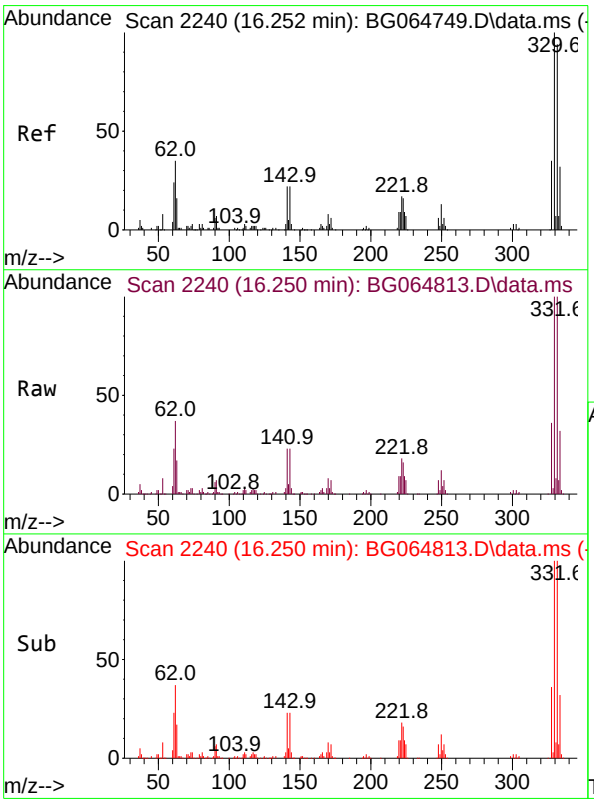
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.775 min Scan# 19
Delta R.T. -0.002 min
Lab File: BG064813.D
Acq: 19 Nov 2025 13:01

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:164 Resp: 143249

Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.8	119.6
160	45.0	34.9	52.3

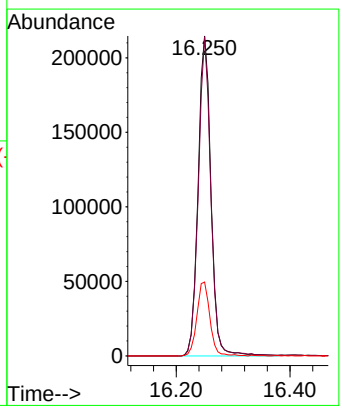


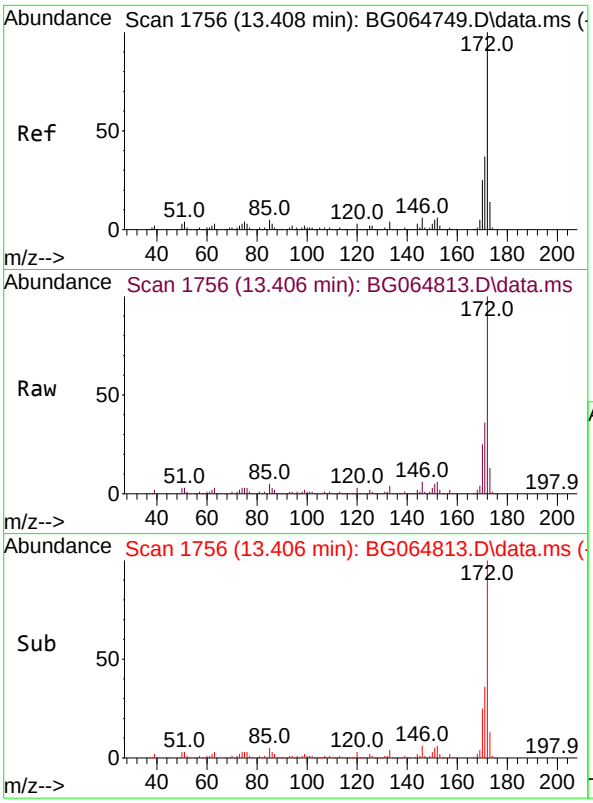


#42
2,4,6-Tribromophenol
Concen: 120.165 ng
RT: 16.250 min Scan# 2240
Delta R.T. -0.002 min
Lab File: BG064813.D
Acq: 19 Nov 2025 13:01

Tgt Ion:330 Resp: 335716

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	23.3	18.2	27.2



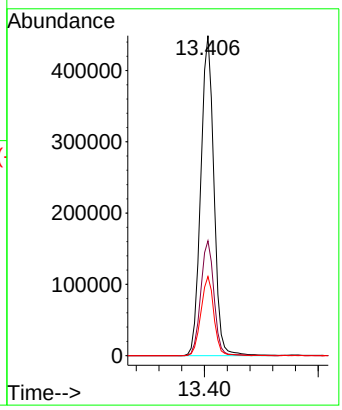


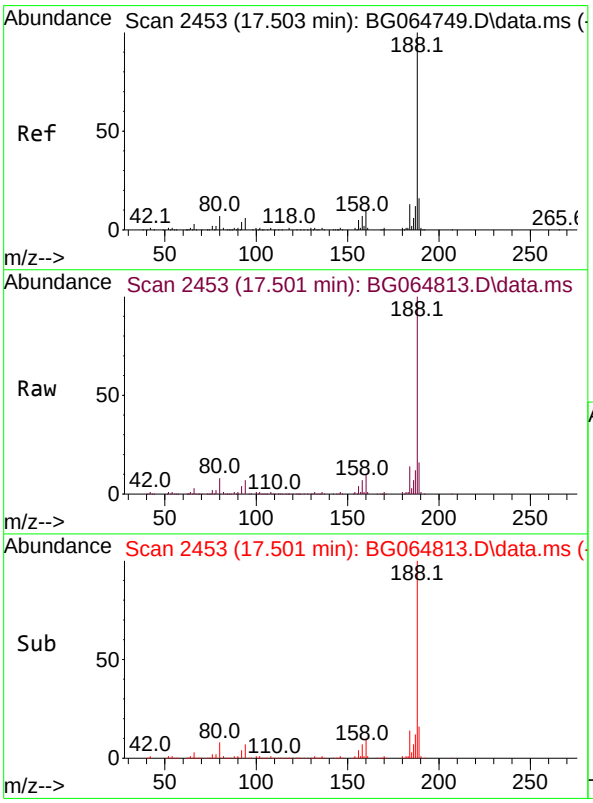
#45
2-Fluorobiphenyl
Concen: 69.883 ng
RT: 13.406 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064813.D
Acq: 19 Nov 2025 13:01

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:172 Resp: 717438

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.9	44.9
170	24.7	19.8	29.6

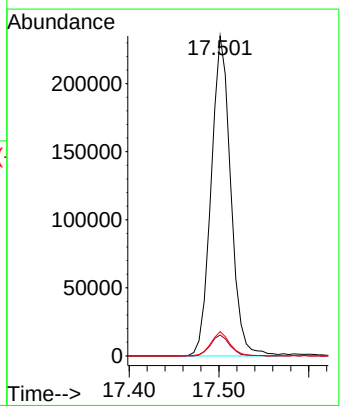


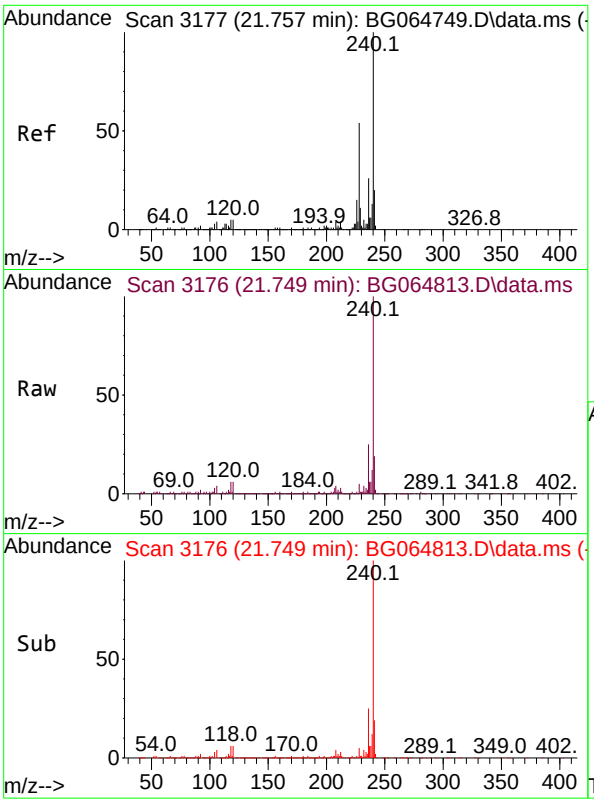


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.501 min Scan# 2453
Delta R.T. -0.002 min
Lab File: BG064813.D
Acq: 19 Nov 2025 13:01

Tgt Ion:188 Resp: 358301

Ion	Ratio	Lower	Upper
188	100		
94	6.5	4.7	7.1
80	7.6	5.4	8.2



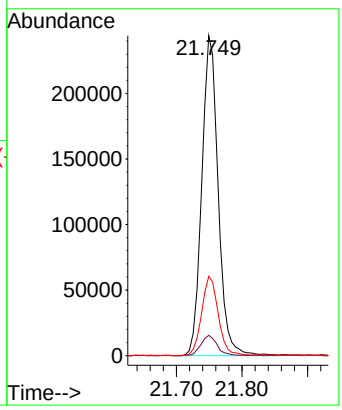


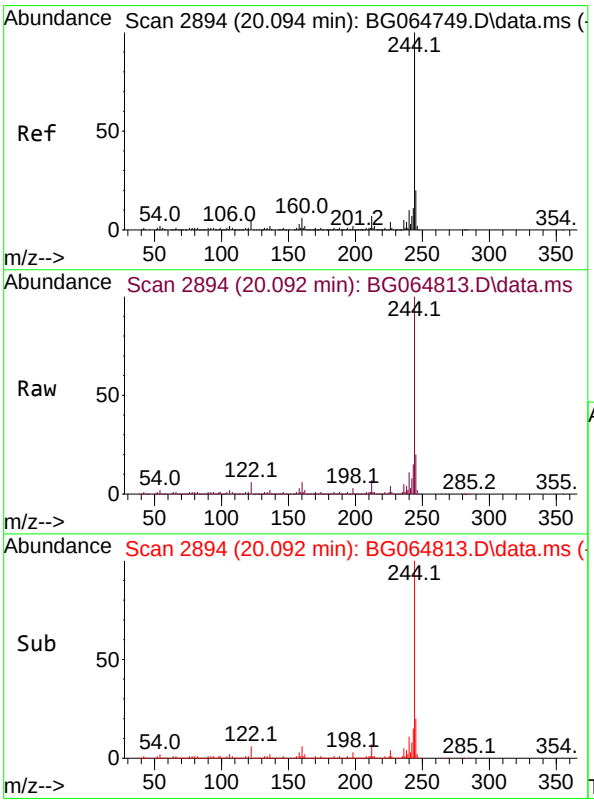
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.749 min Scan# 3
Delta R.T. -0.008 min
Lab File: BG064813.D
Acq: 19 Nov 2025 13:01

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:240 Resp: 421579

Ion	Ratio	Lower	Upper
240	100		
120	6.3	4.2	6.4
236	24.8	20.8	31.2

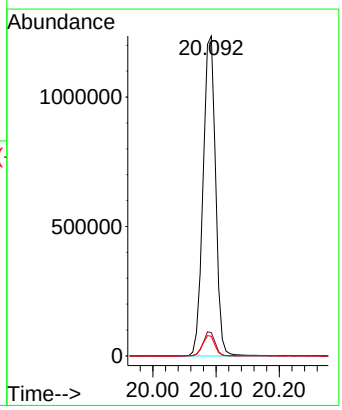


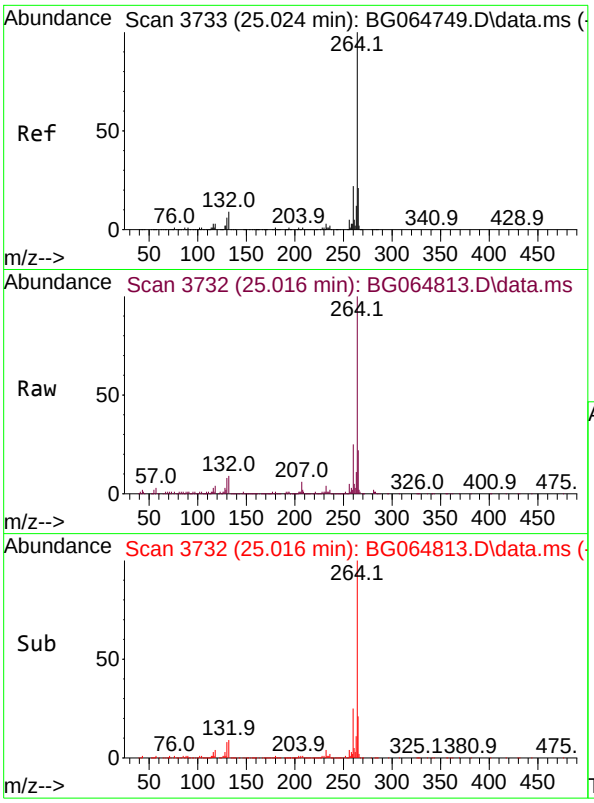


#79
Terphenyl-d14
Concen: 79.009 ng
RT: 20.092 min Scan# 2894
Delta R.T. -0.002 min
Lab File: BG064813.D
Acq: 19 Nov 2025 13:01

Tgt Ion:244 Resp: 1693293

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	6.1	4.3	6.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.016 min Scan# 3
Delta R.T. -0.008 min
Lab File: BG064813.D
Acq: 19 Nov 2025 13:01

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Tgt Ion:264 Resp: 408690

Ion	Ratio	Lower	Upper
264	100		
260	25.4	17.2	25.8
265	21.6	16.6	25.0