Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103025\
Data File : BG064651.D
Acq On : 30 Oct 2025 21:54
Operator : RC/JU
Sample : Q3488-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MOO-25-0311-0313

Quant Time: Oct 31 01:50:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	44529	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	172682	20.000	ng	0.00
39) Acenaphthene-d10	14.844	164	101475	20.000	ng	0.00
64) Phenanthrene-d10	17.641	188	191606	20.000	ng	# 0.06
76) Chrysene-d12	21.912	240	186617	20.000	ng	0.05
86) Perylene-d12	25.220	264	177284	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	139351	52.528	ng	0.00
7) Phenol-d6	7.353	99	210737	57.889	ng	0.00
23) Nitrobenzene-d5	9.380	82	153834	53.507	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	99544	67.967	ng	0.03
45) 2-Fluorobiphenyl	13.469	172	370648	55.364	ng	0.00
79) Terphenyl-d14	20.250	244	417266	42.196	ng	0.07
Target Compounds						Qvalue

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

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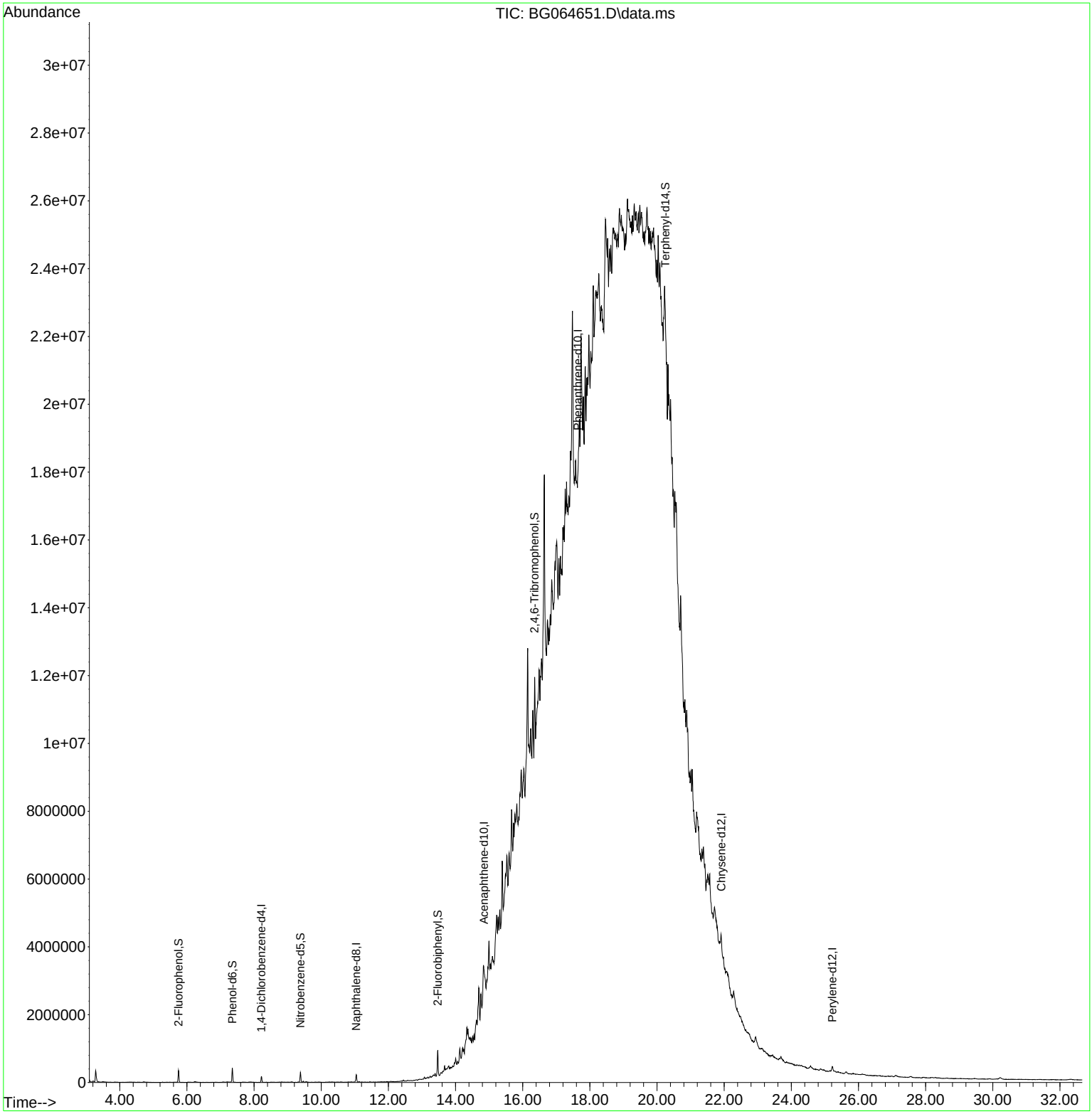
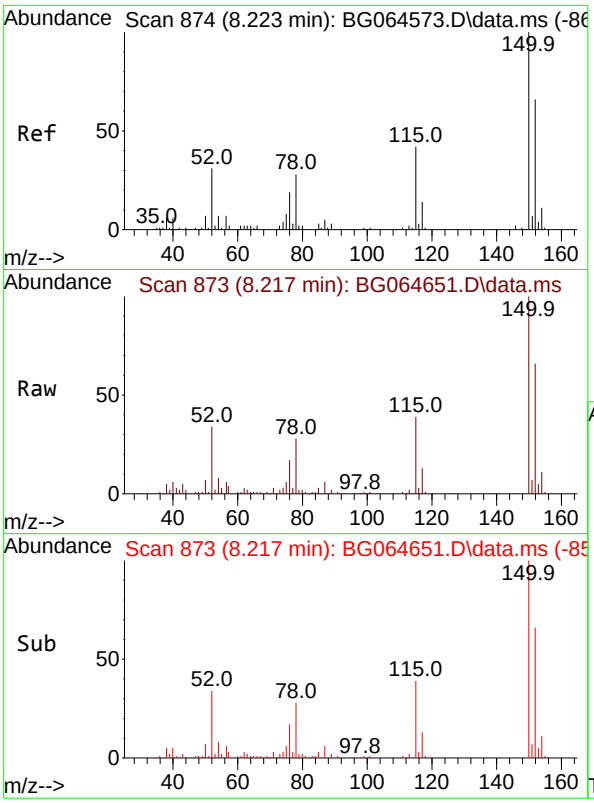


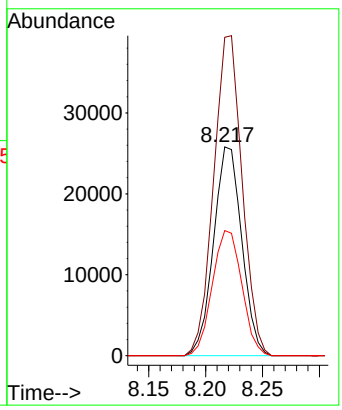


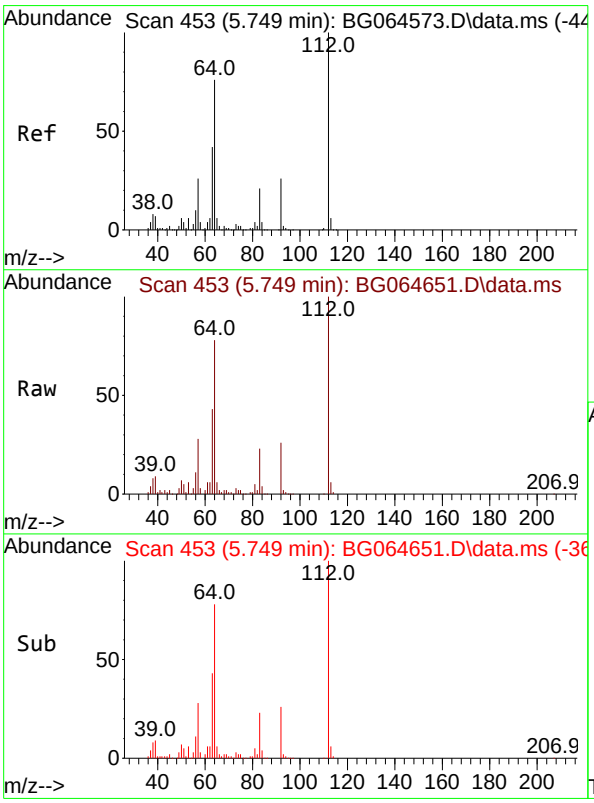
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 8
Delta R.T. -0.004 min
Lab File: BG064651.D
Acq: 30 Oct 2025 21:54

Instrument :
BNA_G
ClientSampleId :
MOO-25-0311-0313

Tgt Ion:152 Resp: 44529

Ion	Ratio	Lower	Upper
152	100		
150	152.5	122.2	183.4
115	59.9	50.8	76.2

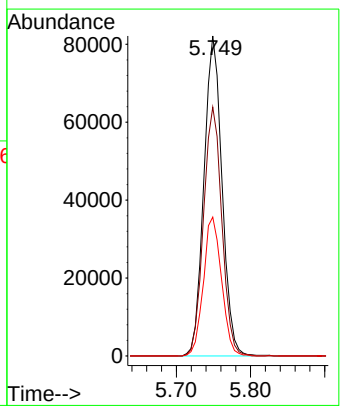


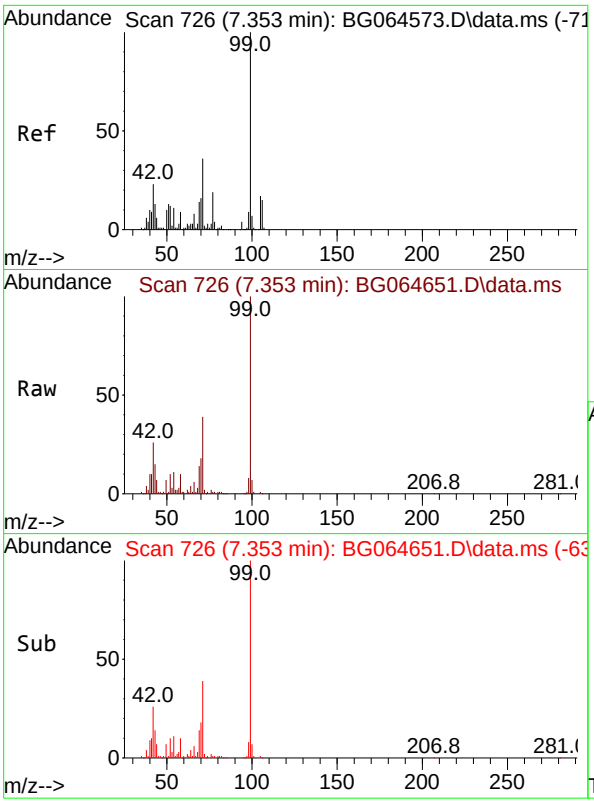


#5
2-Fluorophenol
Concen: 52.528 ng
RT: 5.749 min Scan# 453
Delta R.T. 0.002 min
Lab File: BG064651.D
Acq: 30 Oct 2025 21:54

Tgt Ion:112 Resp: 139351

Ion	Ratio	Lower	Upper
112	100		
64	77.7	60.7	91.1
63	43.4	33.4	50.0



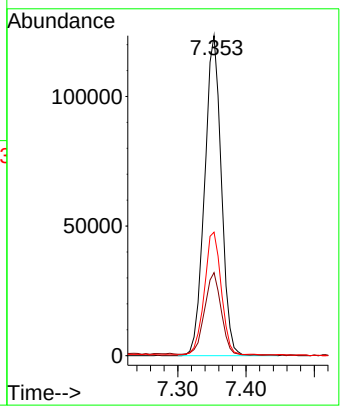


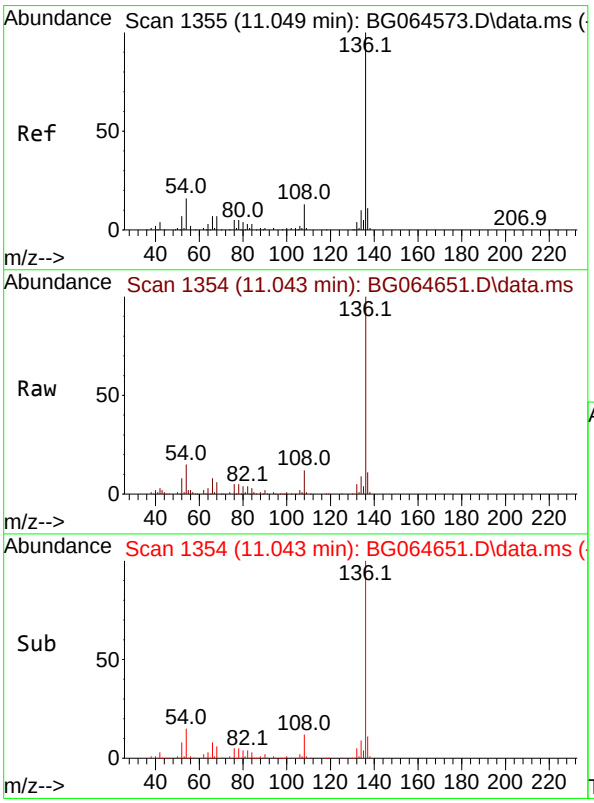
#7
Phenol-d6
Concen: 57.889 ng
RT: 7.353 min Scan# 7
Delta R.T. -0.004 min
Lab File: BG064651.D
Acq: 30 Oct 2025 21:54

Instrument :
BNA_G
ClientSampleId :
MOO-25-0311-0313

Tgt Ion: 99 Resp: 210737

Ion	Ratio	Lower	Upper
99	100		
42	26.0	18.3	27.5
71	38.6	28.6	43.0

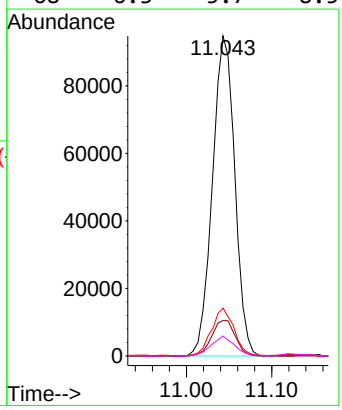


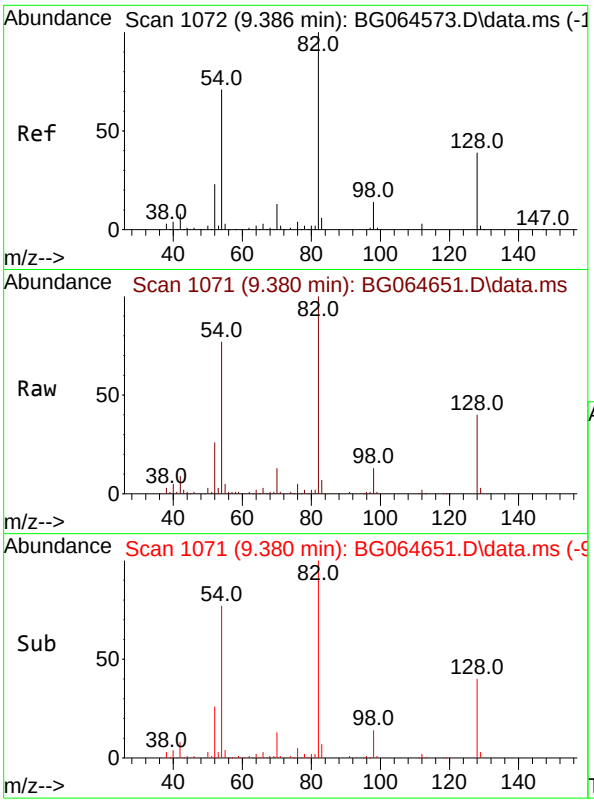


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1354
Delta R.T. -0.010 min
Lab File: BG064651.D
Acq: 30 Oct 2025 21:54

Tgt Ion:136 Resp: 172682

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	14.9	12.6	19.0
68	6.3	5.7	8.5



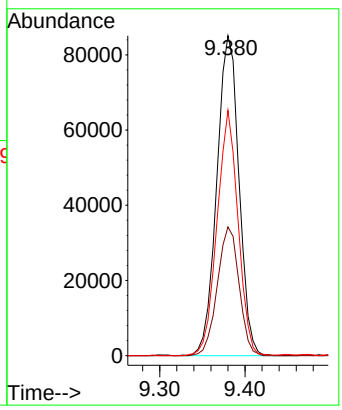


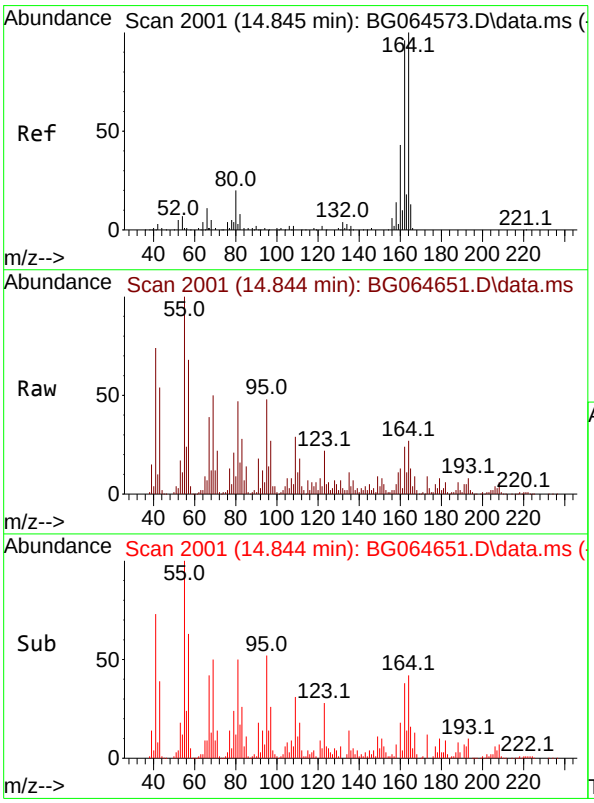
#23
Nitrobenzene-d5
Concen: 53.507 ng
RT: 9.380 min Scan# 1(
Delta R.T. -0.010 min
Lab File: BG064651.D
Acq: 30 Oct 2025 21:54

Instrument :
BNA_G
ClientSampleId :
MOO-25-0311-0313

Tgt Ion: 82 Resp: 153834

Ion	Ratio	Lower	Upper
82	100		
128	40.3	31.3	46.9
54	76.6	56.6	84.8

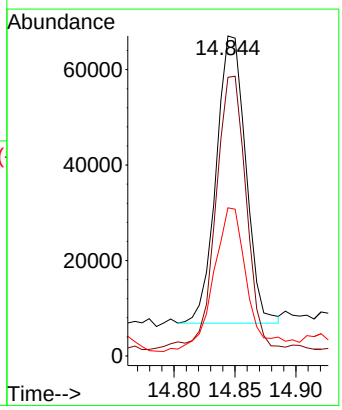


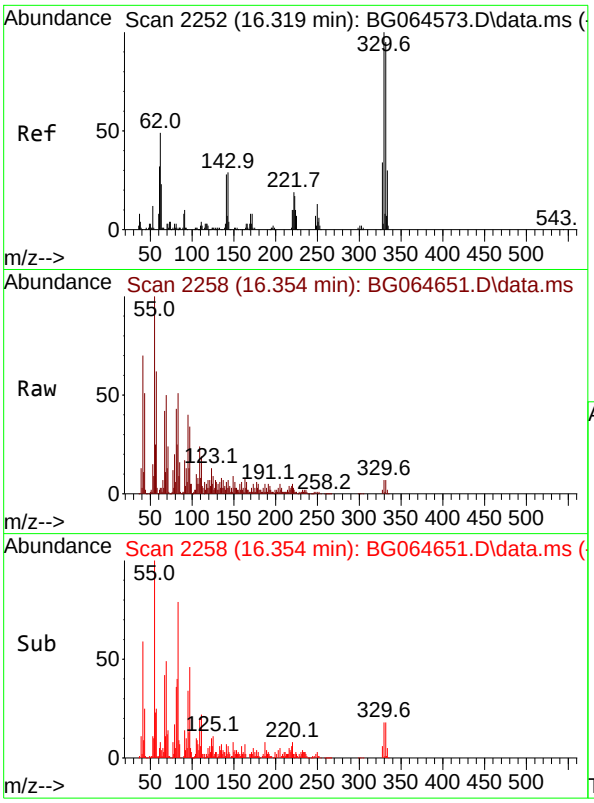


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.844 min Scan# 2001
Delta R.T. 0.002 min
Lab File: BG064651.D
Acq: 30 Oct 2025 21:54

Tgt Ion:164 Resp: 101475

Ion	Ratio	Lower	Upper
164	100		
162	87.1	77.0	115.6
160	46.3	34.4	51.6



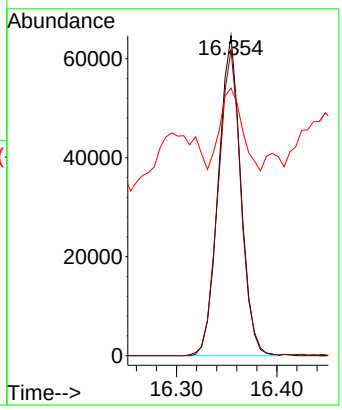


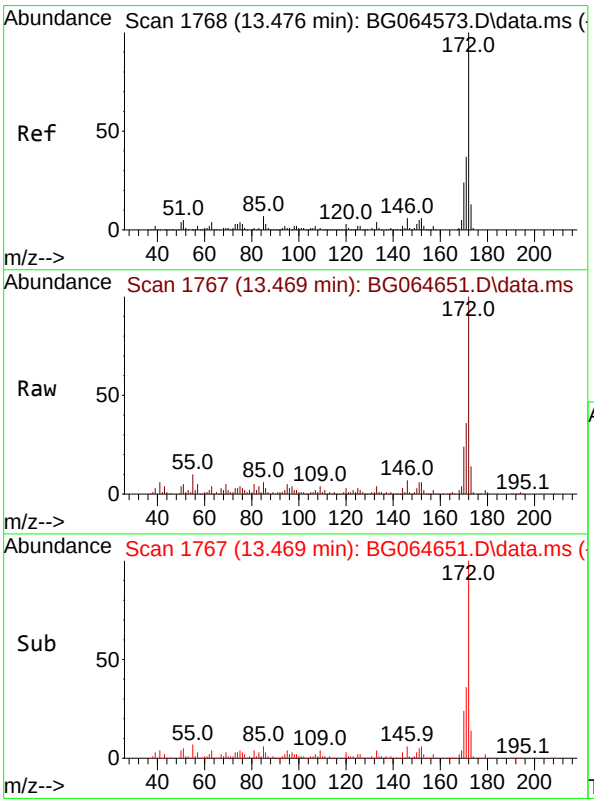
#42
2,4,6-Tribromophenol
Concen: 67.967 ng
RT: 16.354 min Scan# 2
Delta R.T. 0.031 min
Lab File: BG064651.D
Acq: 30 Oct 2025 21:54

Instrument :
BNA_G
ClientSampleId :
MOO-25-0311-0313

Tgt Ion:330 Resp: 99544

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.0	117.0
141	25.2	21.8	32.6

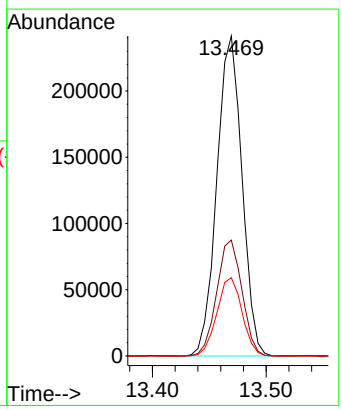


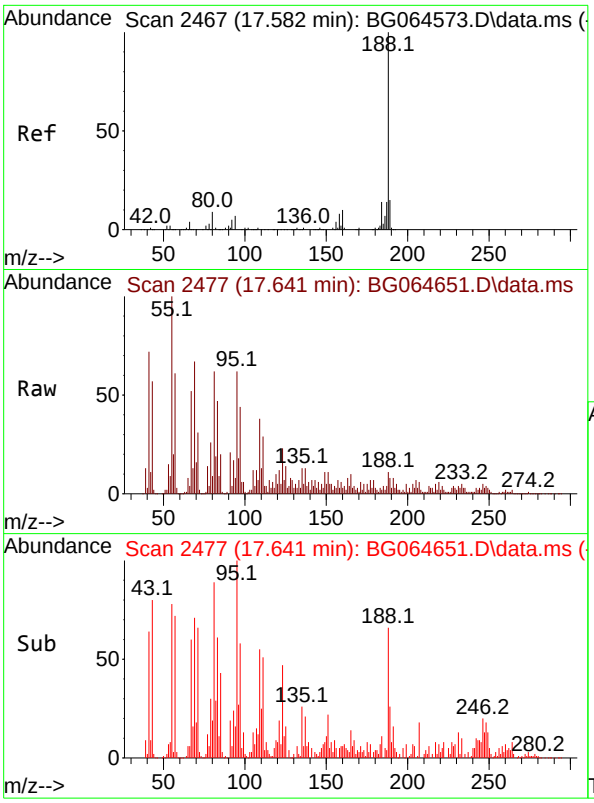


#45
2-Fluorobiphenyl
Concen: 55.364 ng
RT: 13.469 min Scan# 1767
Delta R.T. -0.010 min
Lab File: BG064651.D
Acq: 30 Oct 2025 21:54

Tgt Ion:172 Resp: 370648

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.4	19.1	28.7



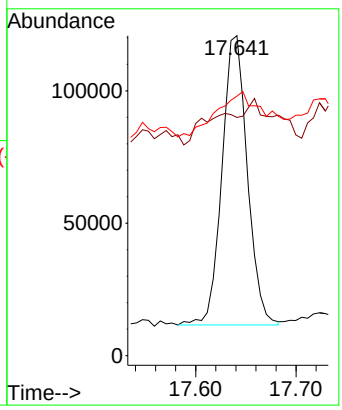


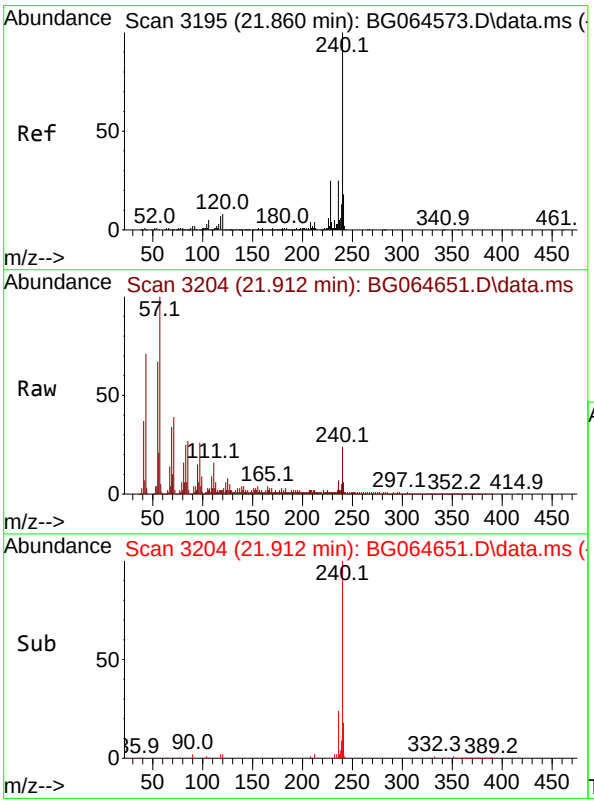
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.641 min Scan# 24
Delta R.T. 0.061 min
Lab File: BG064651.D
Acq: 30 Oct 2025 21:54

Instrument :
BNA_G
ClientSampleId :
MOO-25-0311-0313

Tgt Ion:188 Resp: 191606

Ion	Ratio	Lower	Upper
188	100		
94	74.4	5.7	8.5#
80	81.1	6.8	10.2#

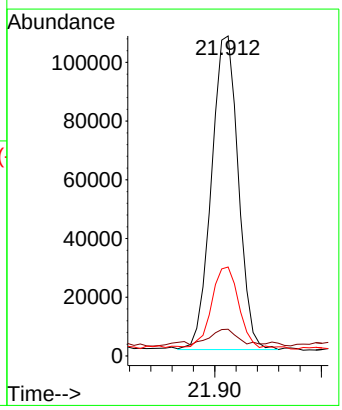


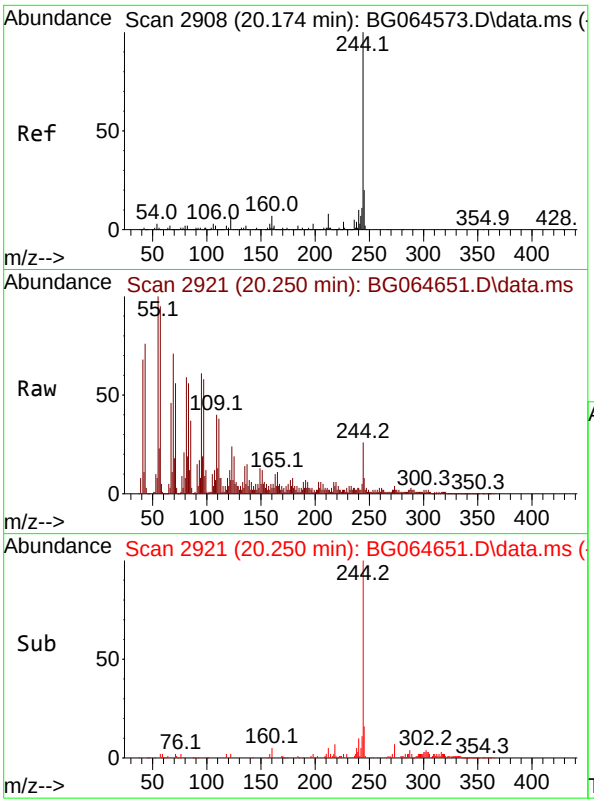


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.912 min Scan# 3204
Delta R.T. 0.049 min
Lab File: BG064651.D
Acq: 30 Oct 2025 21:54

Tgt Ion:240 Resp: 186617

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.5	9.7
236	27.8	20.2	30.2



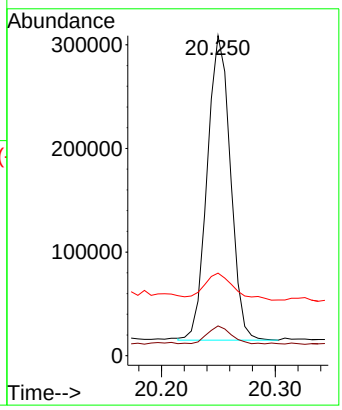


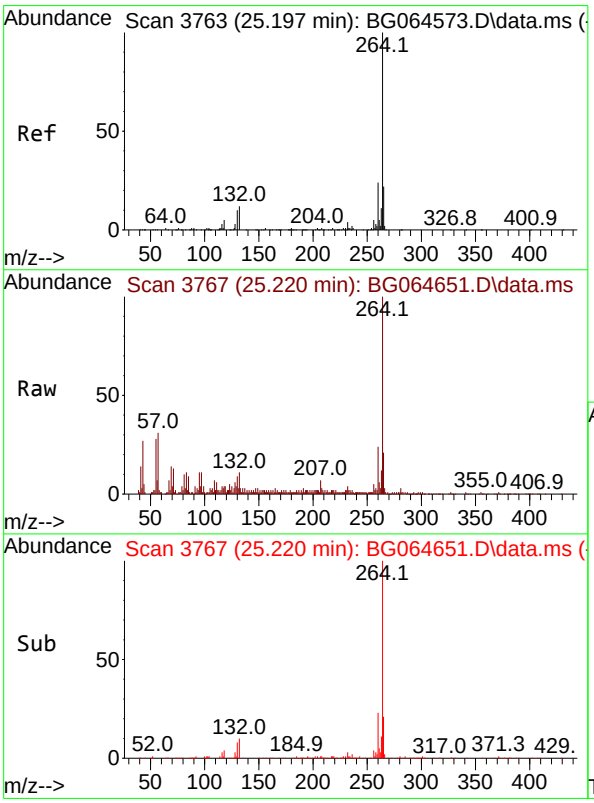
#79
Terphenyl-d14
Concen: 42.196 ng
RT: 20.250 min Scan# 2
Delta R.T. 0.073 min
Lab File: BG064651.D
Acq: 30 Oct 2025 21:54

Instrument :
BNA_G
ClientSampleId :
MOO-25-0311-0313

Tgt Ion:244 Resp: 417266

Ion	Ratio	Lower	Upper
244	100		
212	9.3	6.1	9.1#
122	25.8	5.6	8.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.220 min Scan# 3767
Delta R.T. 0.020 min
Lab File: BG064651.D
Acq: 30 Oct 2025 21:54

Tgt Ion:264 Resp: 177284

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	21.4	17.6	26.4