Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090525\
Data File : BG064289.D
Acq On : 5 Sep 2025 12:23
Operator : RC/JU
Sample : PB169528BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169528BL

Quant Time: Sep 05 13:02:51 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	7.850	152	22265	20.000	ng	0.00
21) Naphthalene-d8	10.641	136	89385	20.000	ng	0.00
39) Acenaphthene-d10	14.477	164	64067	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	168407	20.000	ng	# 0.00
76) Chrysene-d12	21.451	240	184537	20.000	ng	# 0.00
86) Perylene-d12	24.460	264	199516	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.441	112	181947	146.611	ng	0.00
7) Phenol-d6	7.027	99	243390	142.755	ng	0.00
23) Nitrobenzene-d5	9.001	82	167238	104.346	ng	-0.02
42) 2,4,6-Tribromophenol	15.964	330	148093	174.515	ng	0.00
45) 2-Fluorobiphenyl	13.102	172	419573	99.960	ng	0.00
79) Terphenyl-d14	19.842	244	925357	104.620	ng	0.00
Target Compounds						Qvalue

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

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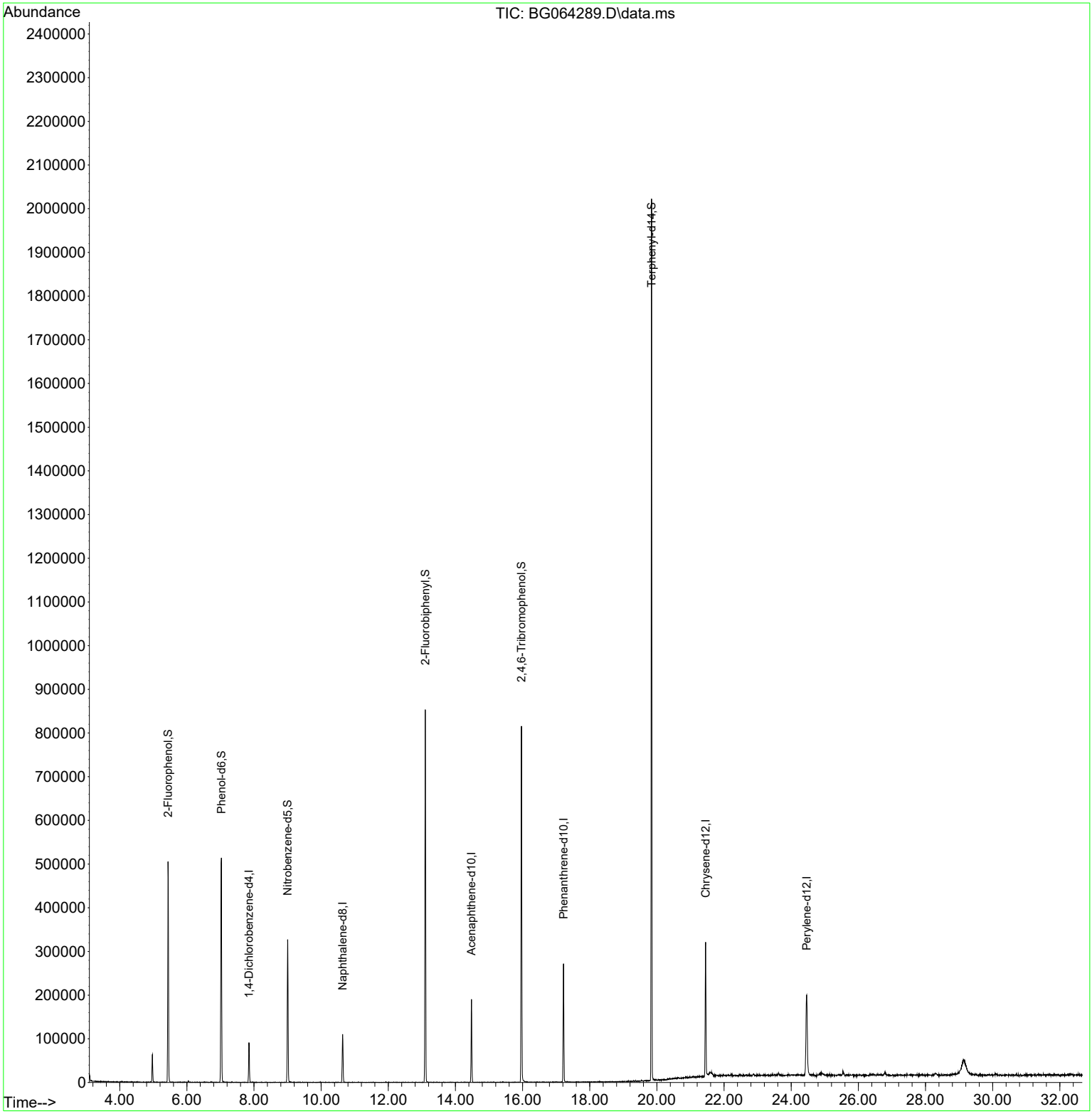
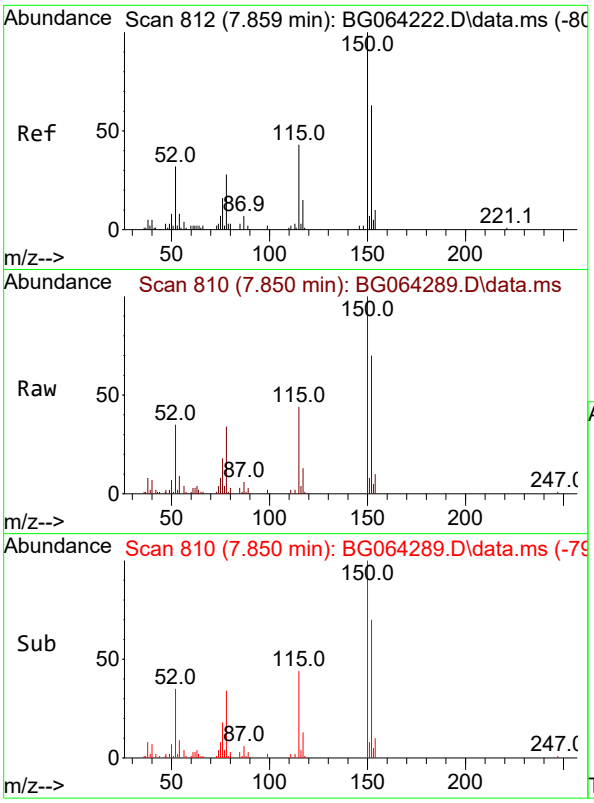


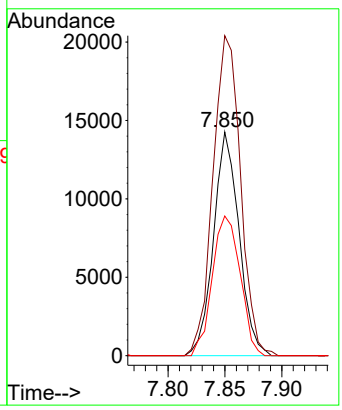


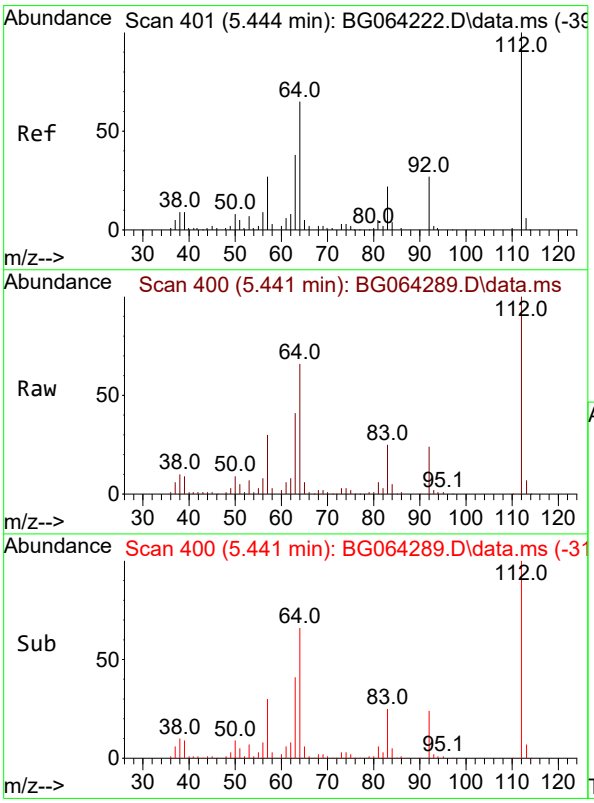
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.850 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG064289.D
Acq: 5 Sep 2025 12:23

Instrument :
BNA_G
ClientSampleId :
PB169528BL

Tgt Ion:152 Resp: 22265

Ion	Ratio	Lower	Upper
152	100		
150	143.1	128.0	192.0
115	62.5	55.7	83.5

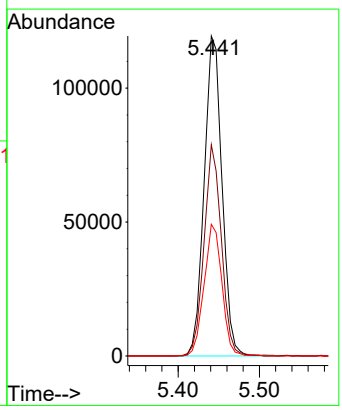


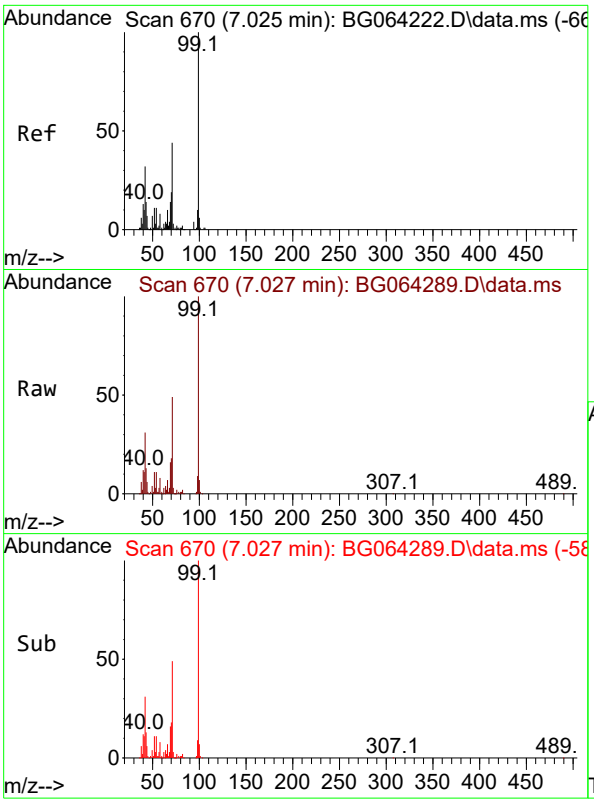


#5
2-Fluorophenol
Concen: 146.611 ng
RT: 5.441 min Scan# 400
Delta R.T. -0.004 min
Lab File: BG064289.D
Acq: 5 Sep 2025 12:23

Tgt Ion:112 Resp: 181947

Ion	Ratio	Lower	Upper
112	100		
64	66.0	51.8	77.6
63	41.1	30.6	45.8



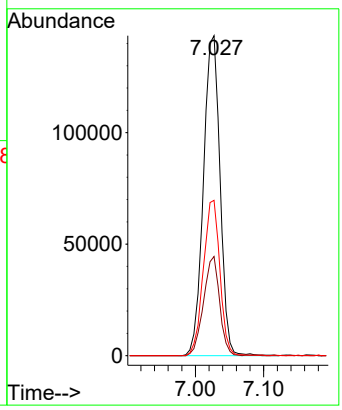


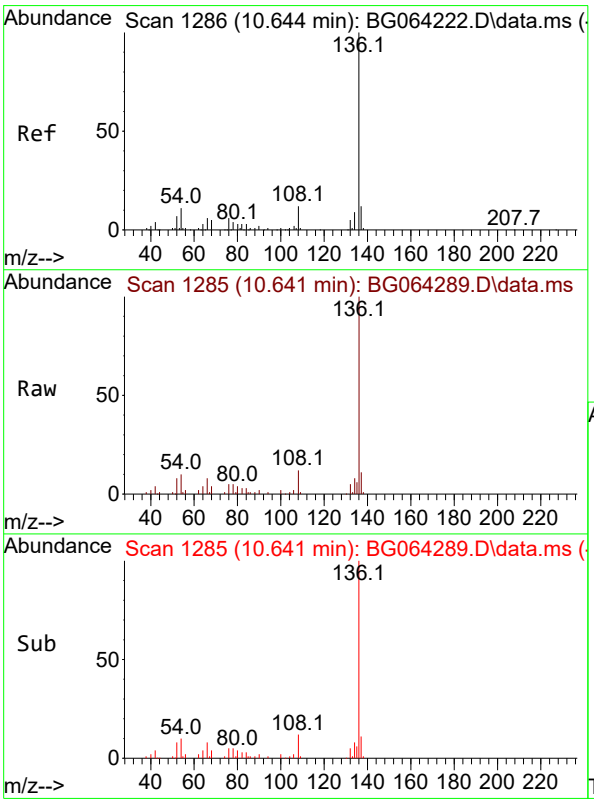
#7
Phenol-d6
Concen: 142.755 ng
RT: 7.027 min Scan# 6
Delta R.T. -0.003 min
Lab File: BG064289.D
Acq: 5 Sep 2025 12:23

Instrument :
BNA_G
ClientSampleId :
PB169528BL

Tgt Ion: 99 Resp: 243390

Ion	Ratio	Lower	Upper
99	100		
42	31.0	25.8	38.8
71	48.5	35.2	52.8

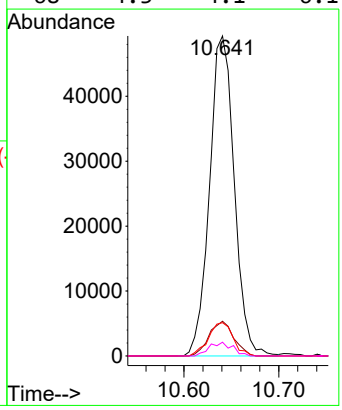


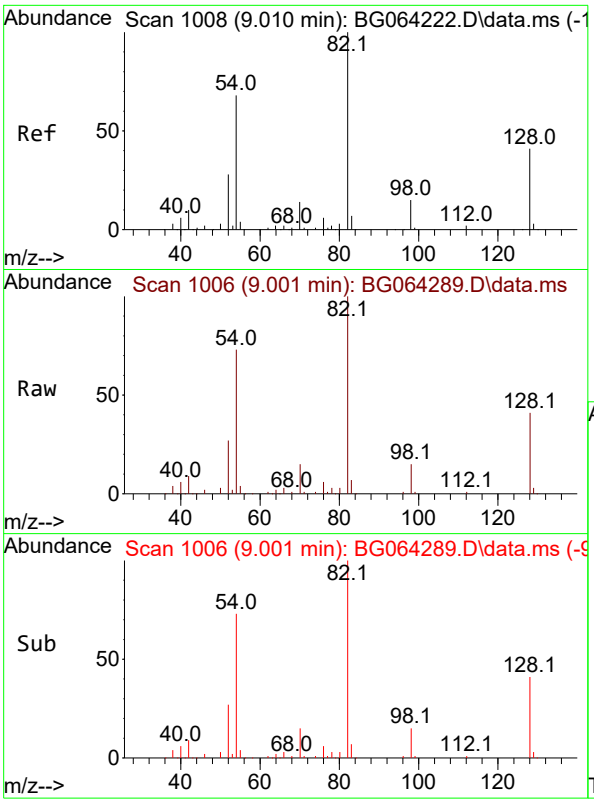


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.641 min Scan# 1285
Delta R.T. -0.009 min
Lab File: BG064289.D
Acq: 5 Sep 2025 12:23

Tgt Ion:136 Resp: 89385

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	10.4	8.8	13.2
68	4.3	4.1	6.1



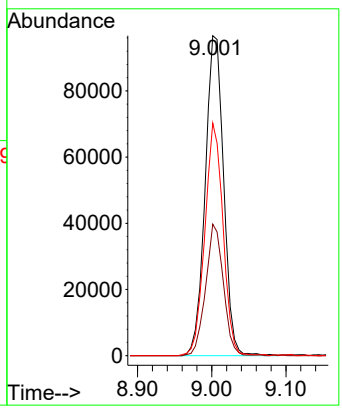


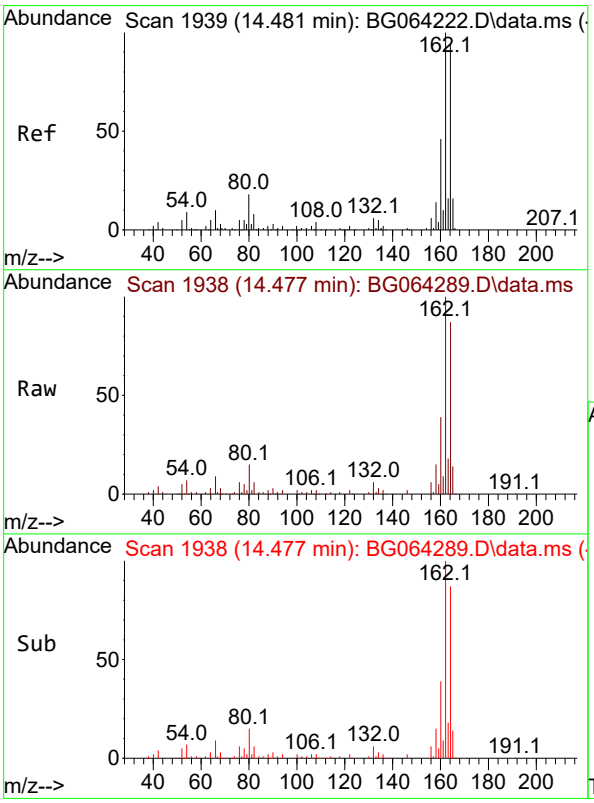
#23
Nitrobenzene-d5
Concen: 104.346 ng
RT: 9.001 min Scan# 1(
Delta R.T. -0.015 min
Lab File: BG064289.D
Acq: 5 Sep 2025 12:23

Instrument :
BNA_G
ClientSampleId :
PB169528BL

Tgt Ion: 82 Resp: 167238

Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.6	48.8
54	72.7	54.7	82.1

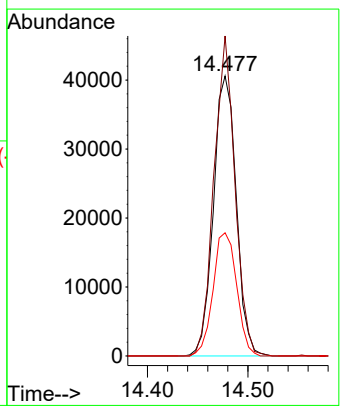


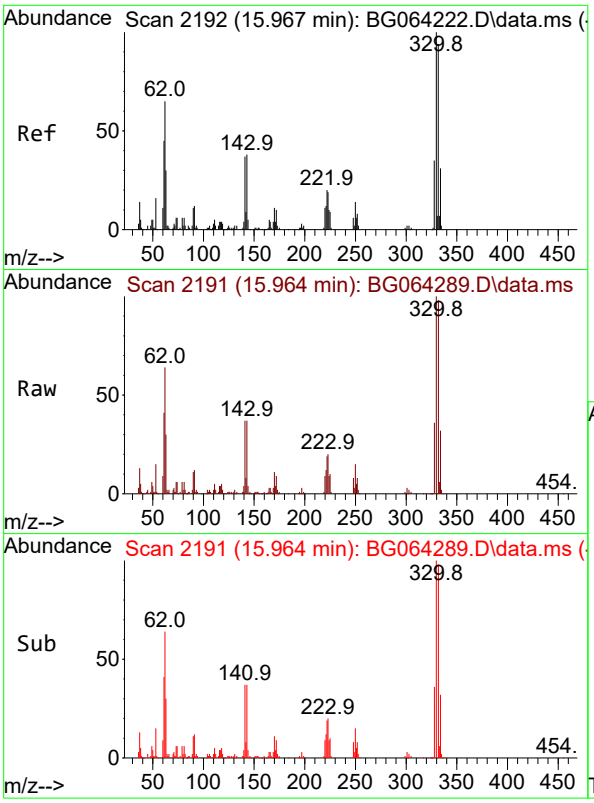


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.477 min Scan# 1938
Delta R.T. -0.004 min
Lab File: BG064289.D
Acq: 5 Sep 2025 12:23

Tgt Ion:164 Resp: 64067

Ion	Ratio	Lower	Upper
164	100		
162	114.3	85.4	128.0
160	44.0	39.2	58.8



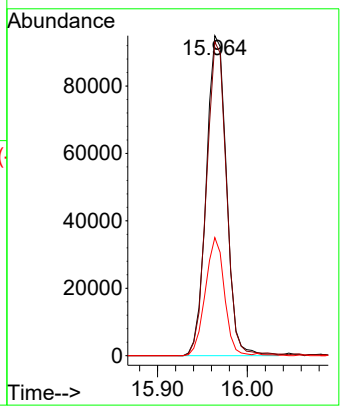


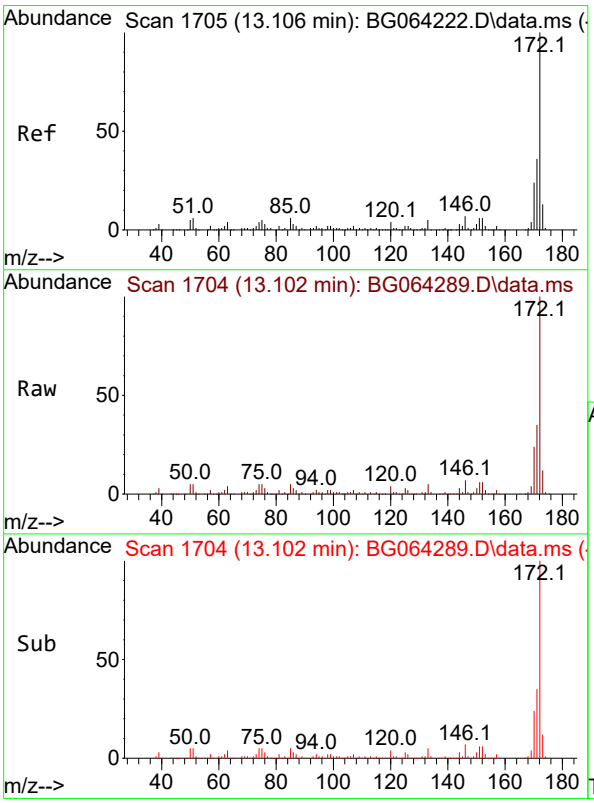
#42
2,4,6-Tribromophenol
Concen: 174.515 ng
RT: 15.964 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064289.D
Acq: 5 Sep 2025 12:23

Instrument :
BNA_G
ClientSampleId :
PB169528BL

Tgt Ion:330 Resp: 148093

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.6	116.4
141	34.8	29.8	44.6

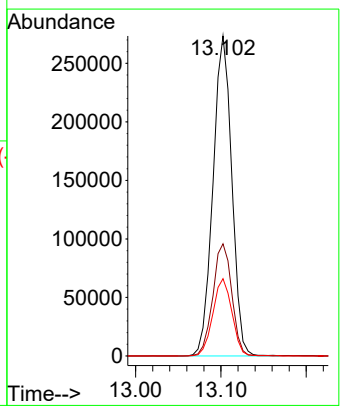


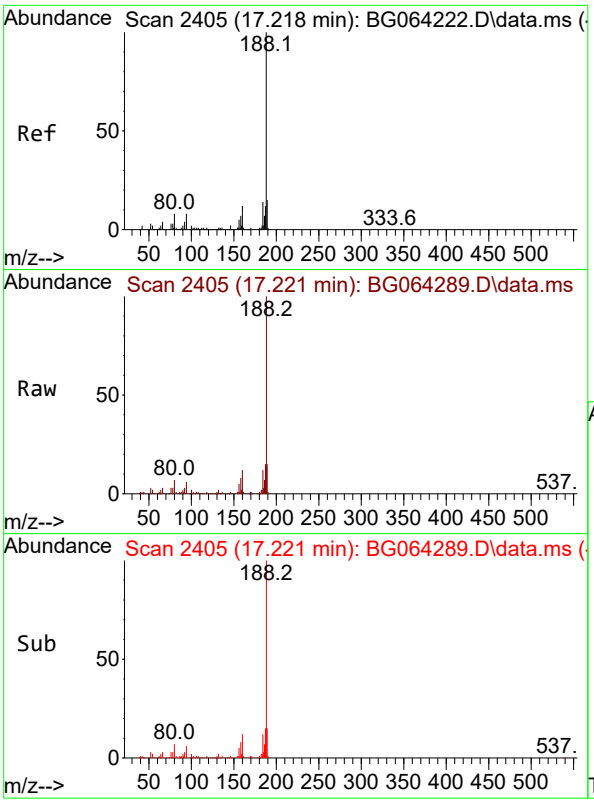


#45
2-Fluorobiphenyl
Concen: 99.960 ng
RT: 13.102 min Scan# 1704
Delta R.T. -0.009 min
Lab File: BG064289.D
Acq: 5 Sep 2025 12:23

Tgt Ion:172 Resp: 419573

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.7	43.1
170	24.1	19.0	28.6



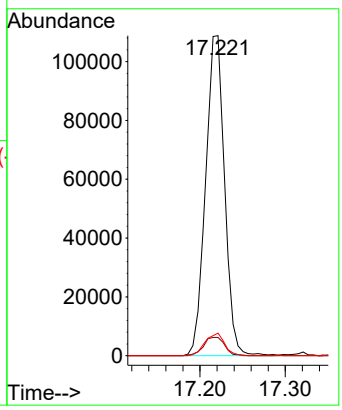


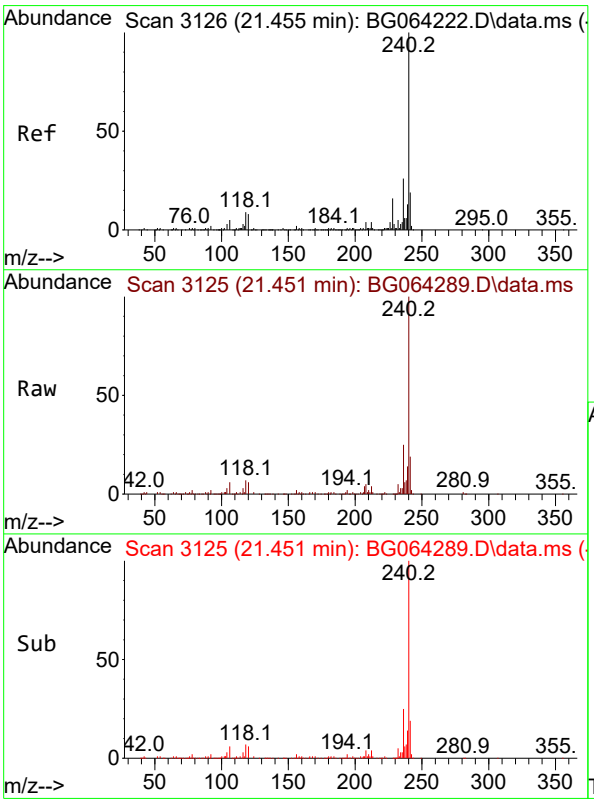
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.221 min Scan# 24
Delta R.T. -0.004 min
Lab File: BG064289.D
Acq: 5 Sep 2025 12:23

Instrument :
BNA_G
ClientSampleId :
PB169528BL

Tgt Ion:188 Resp: 168407

Ion	Ratio	Lower	Upper
188	100		
94	5.7	6.2	9.4#
80	7.1	6.8	10.2

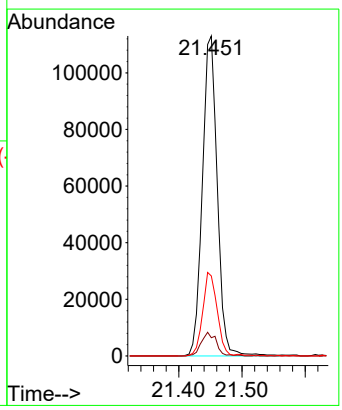


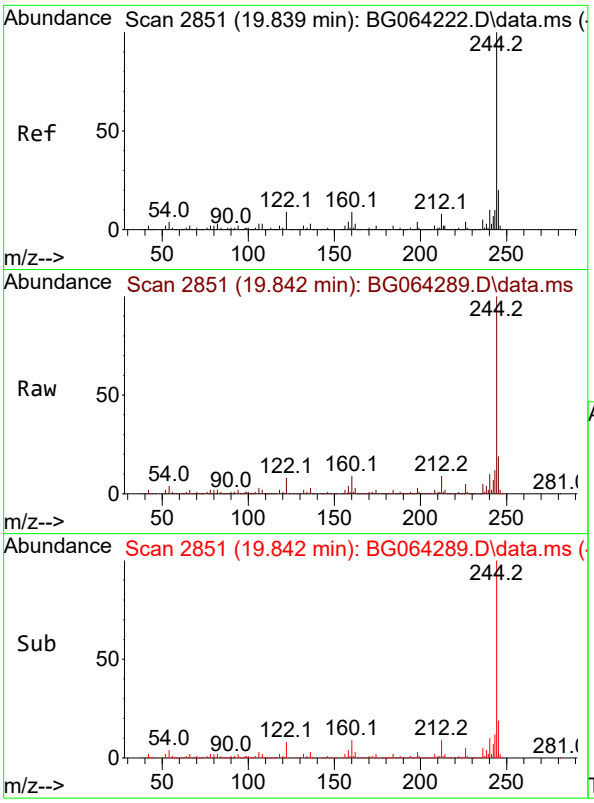


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.451 min Scan# 3125
Delta R.T. -0.004 min
Lab File: BG064289.D
Acq: 5 Sep 2025 12:23

Tgt Ion:240 Resp: 184537

Ion	Ratio	Lower	Upper
240	100		
120	5.7	6.2	9.4#
236	25.0	20.5	30.7



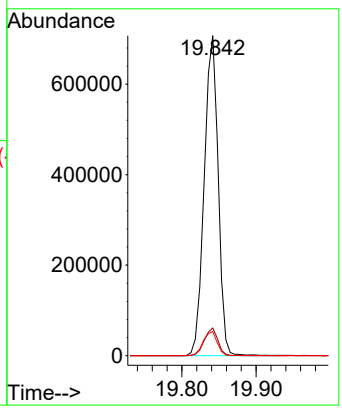


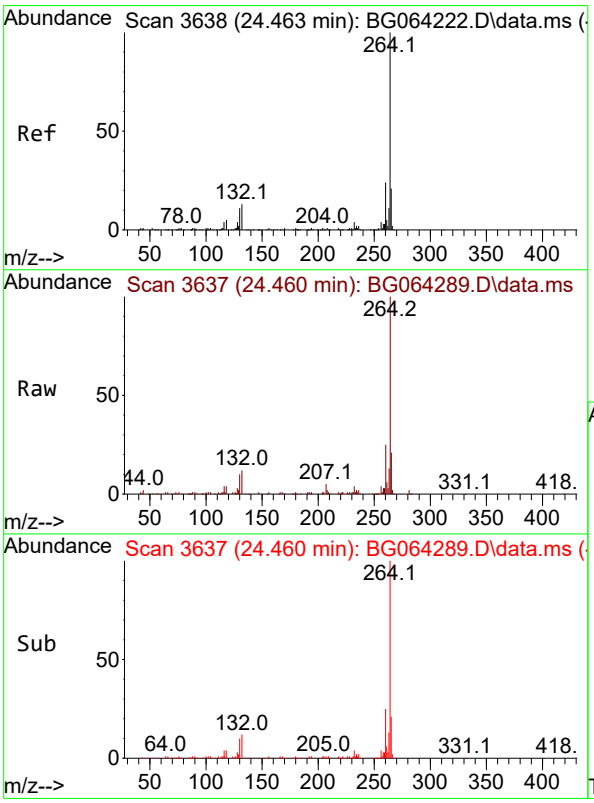
#79
Terphenyl-d14
Concen: 104.620 ng
RT: 19.842 min Scan# 2
Delta R.T. -0.004 min
Lab File: BG064289.D
Acq: 5 Sep 2025 12:23

Instrument :
BNA_G
ClientSampleId :
PB169528BL

Tgt Ion:244 Resp: 925357

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	10.0
122	7.5	7.0	10.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.460 min Scan# 3637
Delta R.T. -0.003 min
Lab File: BG064289.D
Acq: 5 Sep 2025 12:23

Tgt Ion:264 Resp: 199516

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.9	28.3
265	21.5	16.7	25.1