Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110525\
Data File : BG064695.D
Acq On : 5 Nov 2025 21:29
Operator : RC/JU
Sample : Q3532-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2

Quant Time: Nov 06 00:10:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.204	152	5504	20.000	ng	#-0.02
21) Naphthalene-d8	11.030	136	23492	20.000	ng	-0.02
39) Acenaphthene-d10	14.826	164	31113	20.000	ng	-0.02
64) Phenanthrene-d10	17.564	188	167086	20.000	ng	-0.02
76) Chrysene-d12	21.835	240	304748	20.000	ng	#-0.02
86) Perylene-d12	25.161	264	311884	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.736	112	25474	77.685	ng	-0.01
7) Phenol-d6	7.340	99	37946	84.331	ng	-0.01
23) Nitrobenzene-d5	9.368	82	20278	51.845	ng	-0.02
42) 2,4,6-Tribromophenol	16.301	330	85536	190.480	ng	-0.02
45) 2-Fluorobiphenyl	13.457	172	66245	32.273	ng	-0.02
79) Terphenyl-d14	20.149	244	816659	50.572	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	723	4.980	ng	# 1
19) n-Nitroso-di-n-propyla...	9.368	70	2596	8.348	ng	# 78
51) 2,6-Dinitrotoluene	14.826	165	3703	11.993	ng	# 17
57) 2,4-Dinitrotoluene	14.826	165	3703	8.760	ng	# 20
63) Azobenzene	16.165	77	12824	5.750	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.295	198	179	5.643	ng	# 1

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
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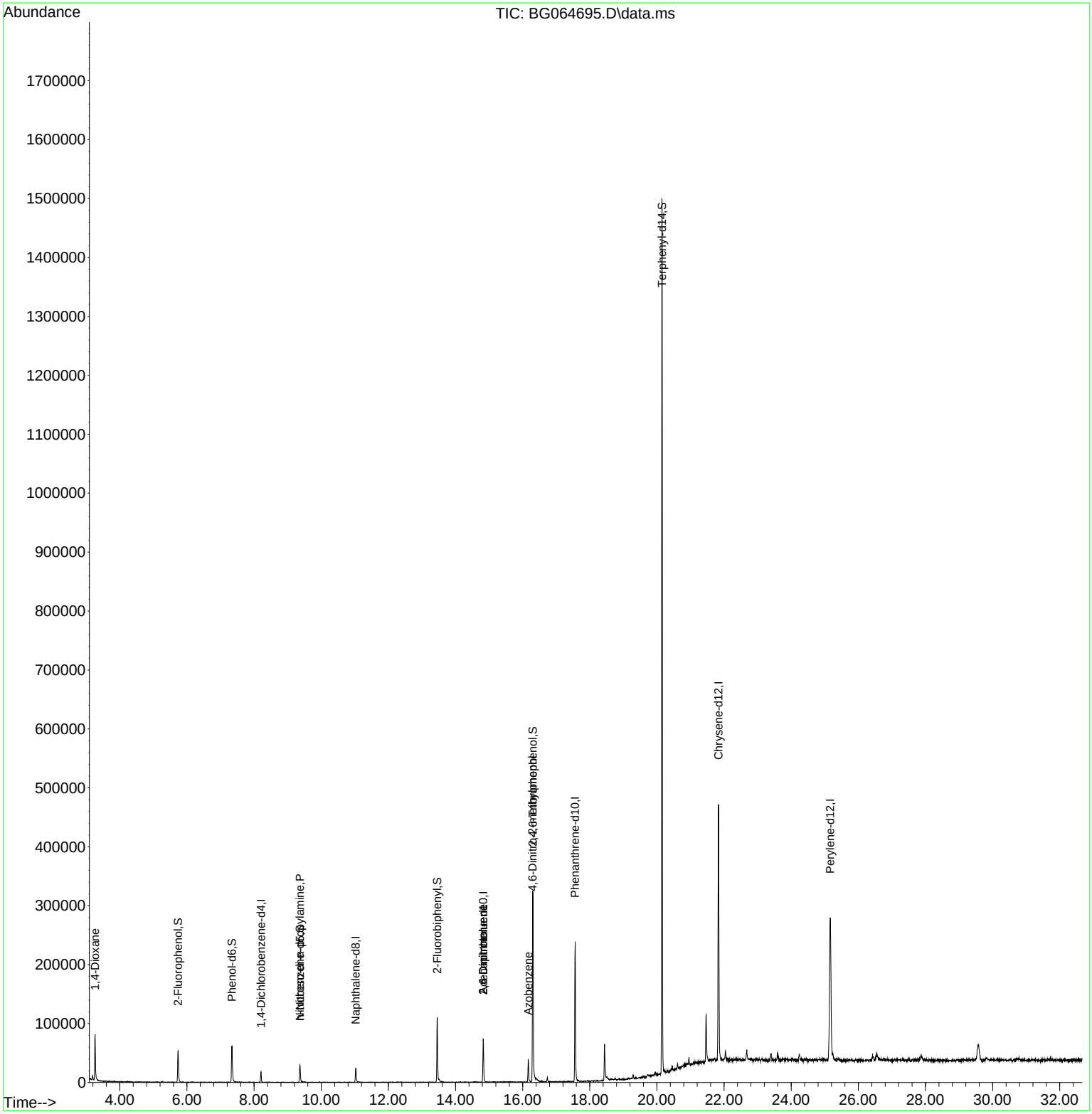
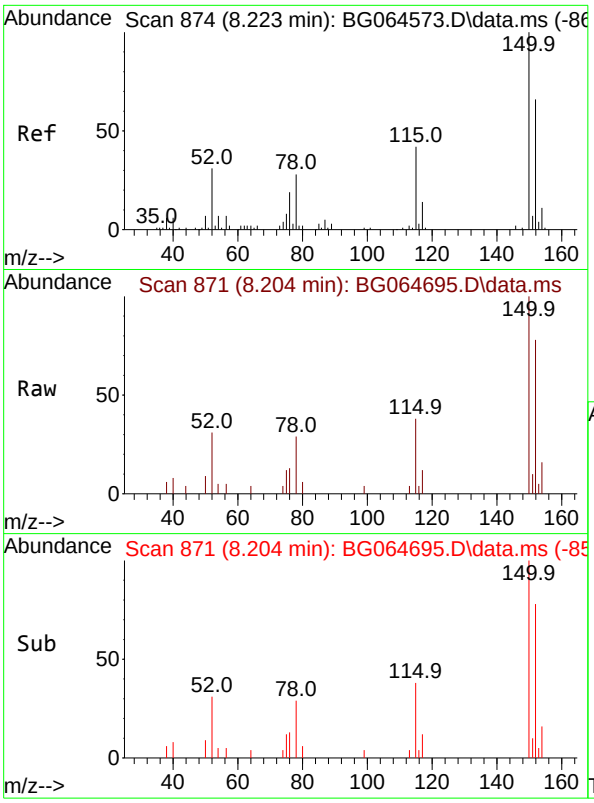


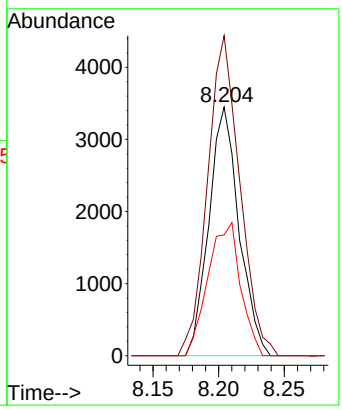


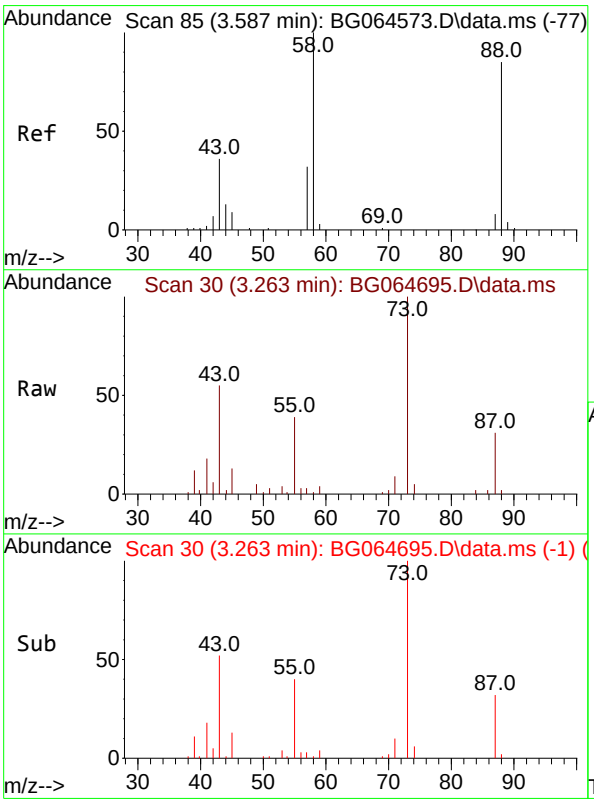
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.204 min Scan# 8
Delta R.T. -0.019 min
Lab File: BG064695.D
Acq: 5 Nov 2025 21:29

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 5504

Ion	Ratio	Lower	Upper
152	100		
150	128.7	122.2	183.4
115	48.6	50.8	76.2#

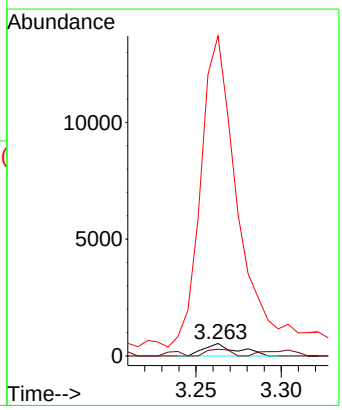


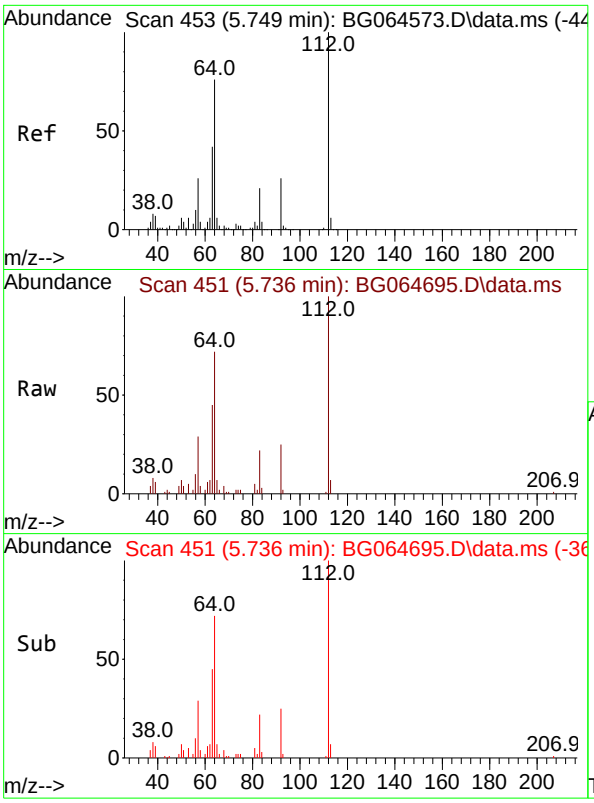


#2
1,4-Dioxane
Concen: 4.980 ng
RT: 3.263 min Scan# 30
Delta R.T. -0.324 min
Lab File: BG064695.D
Acq: 5 Nov 2025 21:29

Tgt Ion: 88 Resp: 723

Ion	Ratio	Lower	Upper
88	100		
58	38.5	92.4	138.6#
43	3027.7	33.0	49.6#



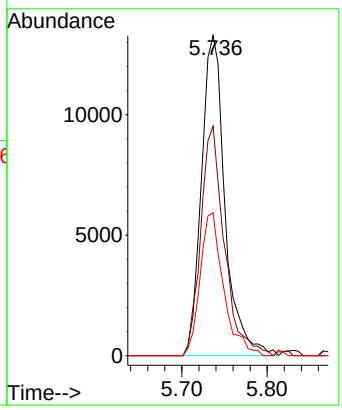


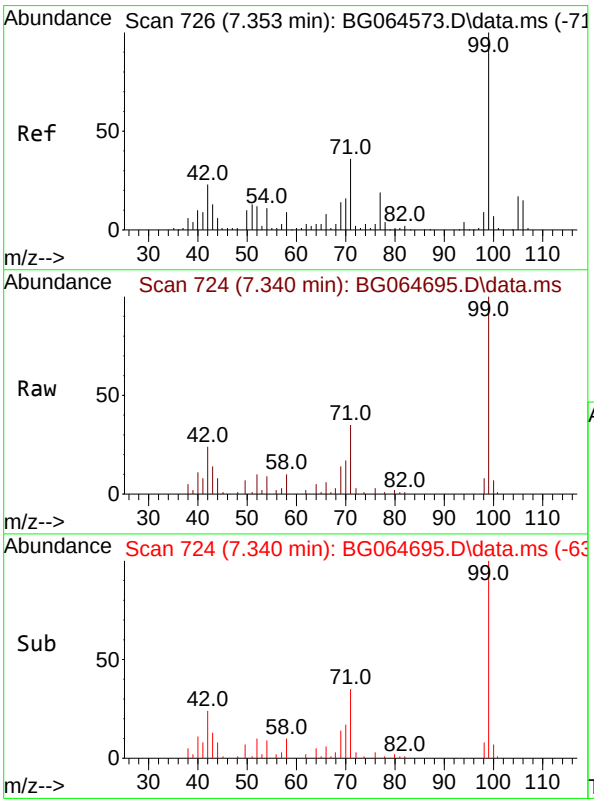
#5
2-Fluorophenol
Concen: 77.685 ng
RT: 5.736 min Scan# 4
Delta R.T. -0.013 min
Lab File: BG064695.D
Acq: 5 Nov 2025 21:29

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:112 Resp: 25474

Ion	Ratio	Lower	Upper
112	100		
64	71.7	60.7	91.1
63	44.6	33.4	50.0

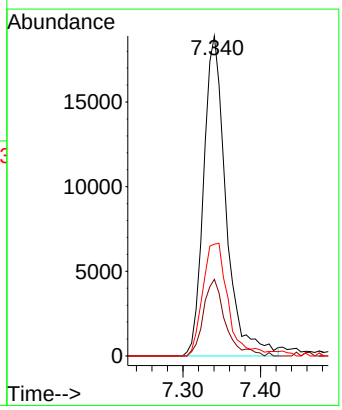


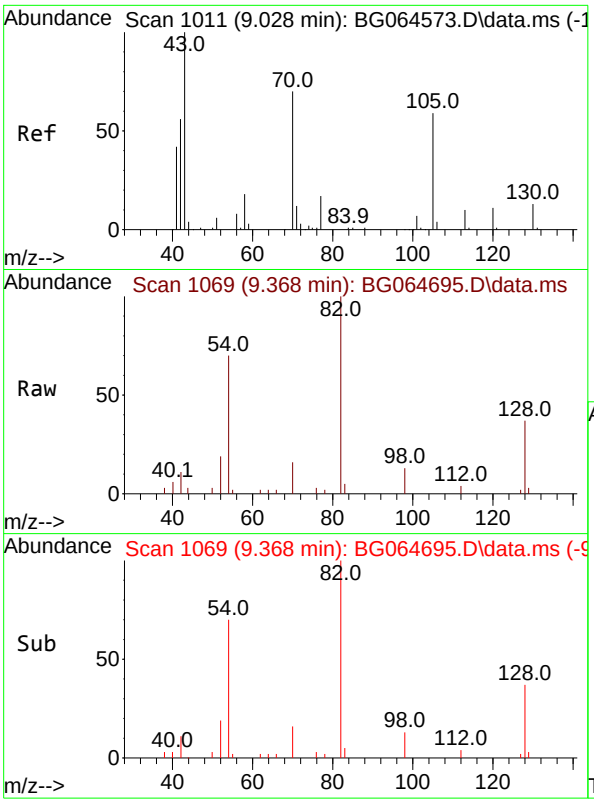


#7
Phenol-d6
Concen: 84.331 ng
RT: 7.340 min Scan# 724
Delta R.T. -0.013 min
Lab File: BG064695.D
Acq: 5 Nov 2025 21:29

Tgt Ion: 99 Resp: 37946

Ion	Ratio	Lower	Upper
99	100		
42	24.0	18.3	27.5
71	35.0	28.6	43.0



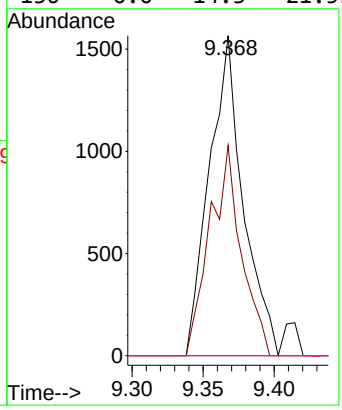


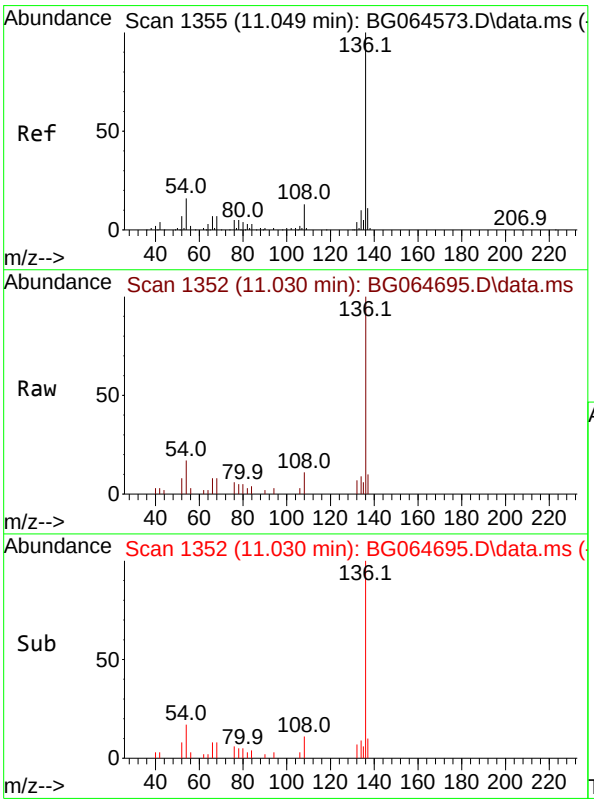
#19
n-Nitroso-di-n-propylamine
Concen: 8.348 ng
RT: 9.368 min Scan# 1
Delta R.T. 0.340 min
Lab File: BG064695.D
Acq: 5 Nov 2025 21:29

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion: 70 Resp: 2596

Ion	Ratio	Lower	Upper
70	100		
42	65.6	65.2	97.8
101	0.0	7.9	11.9#
130	0.0	14.3	21.5#

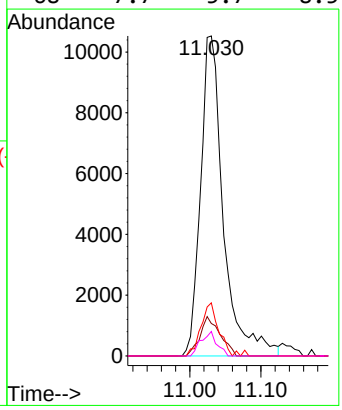


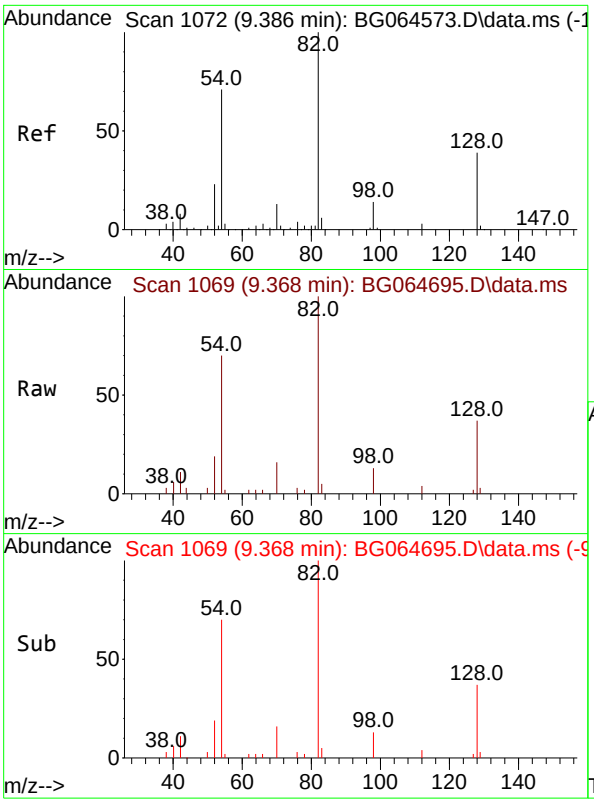


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.030 min Scan# 1352
Delta R.T. -0.019 min
Lab File: BG064695.D
Acq: 5 Nov 2025 21:29

Tgt Ion:136 Resp: 23492

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	16.6	12.6	19.0
68	7.7	5.7	8.5



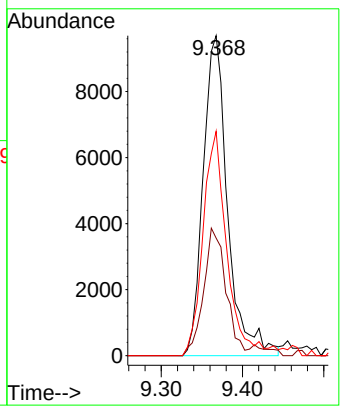


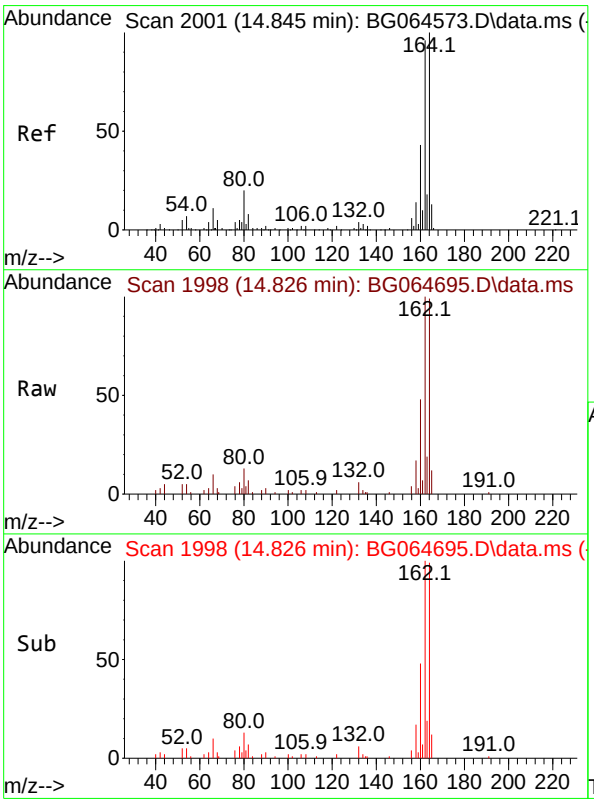
#23
Nitrobenzene-d5
Concen: 51.845 ng
RT: 9.368 min Scan# 1
Delta R.T. -0.019 min
Lab File: BG064695.D
Acq: 5 Nov 2025 21:29

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion: 82 Resp: 20278

Ion	Ratio	Lower	Upper
82	100		
128	36.8	31.3	46.9
54	70.1	56.6	84.8

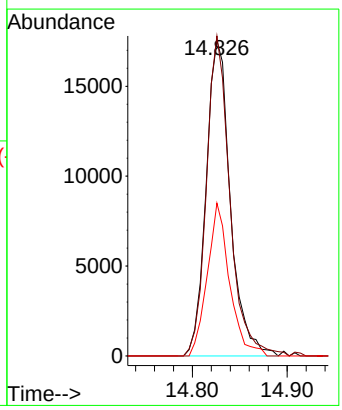


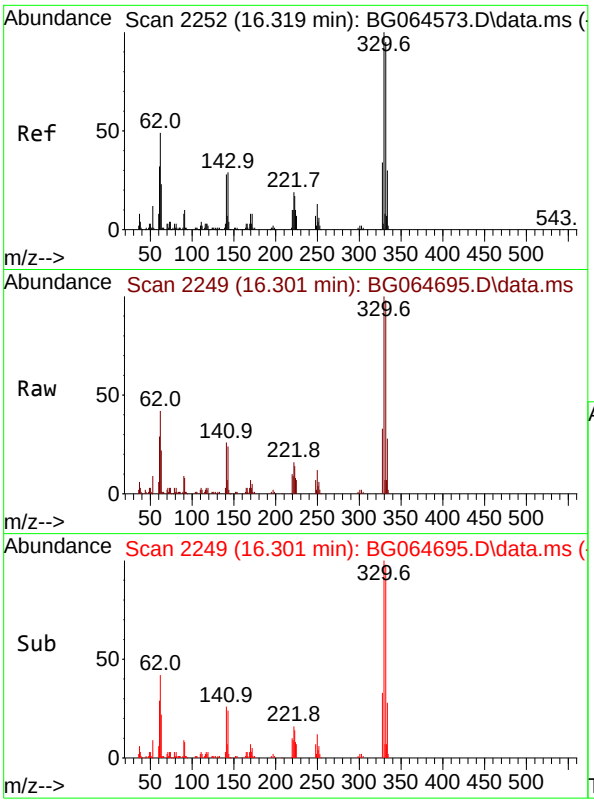


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.826 min Scan# 1998
Delta R.T. -0.019 min
Lab File: BG064695.D
Acq: 5 Nov 2025 21:29

Tgt Ion:164 Resp: 31113

Ion	Ratio	Lower	Upper
164	100		
162	101.4	77.0	115.6
160	48.4	34.4	51.6



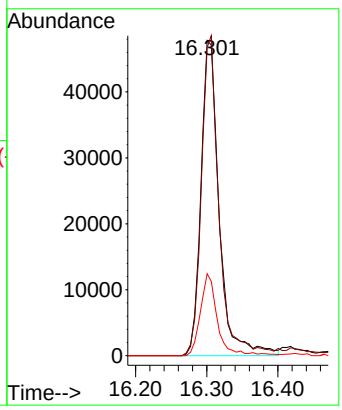


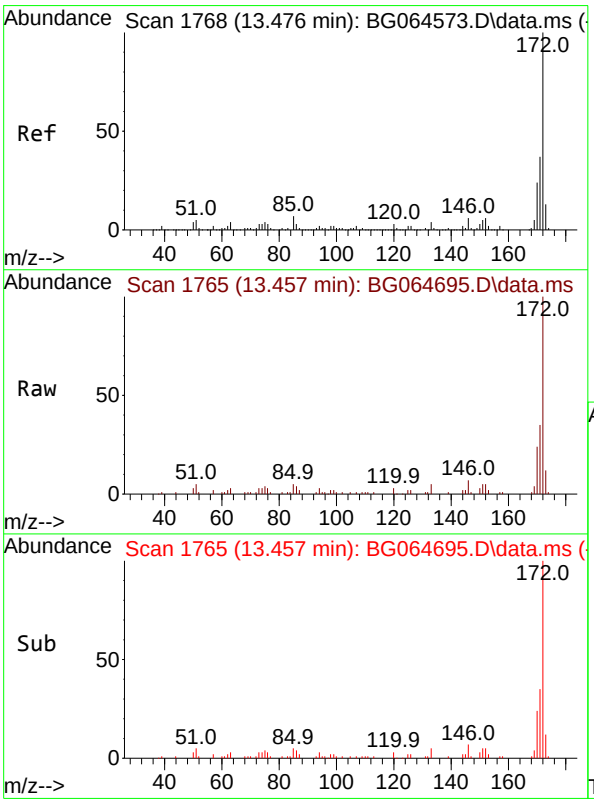
#42
2,4,6-Tribromophenol
Concen: 190.480 ng
RT: 16.301 min Scan# 2
Delta R.T. -0.019 min
Lab File: BG064695.D
Acq: 5 Nov 2025 21:29

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:330 Resp: 85536

Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.0	117.0
141	24.2	21.8	32.6

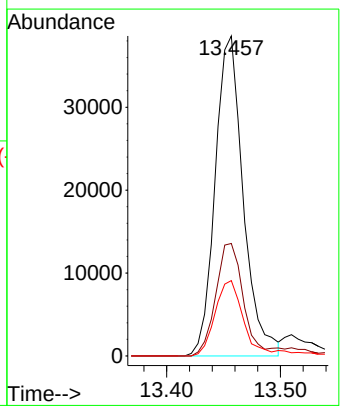


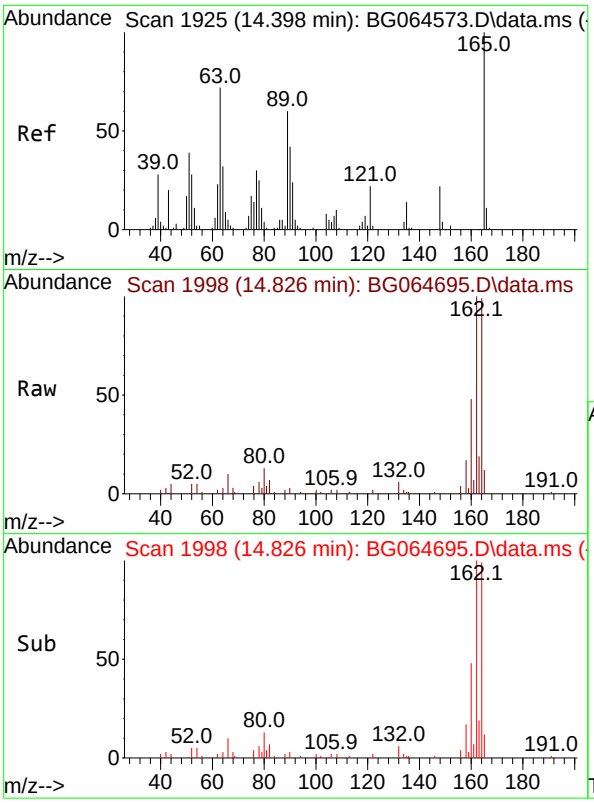


#45
2-Fluorobiphenyl
Concen: 32.273 ng
RT: 13.457 min Scan# 1765
Delta R.T. -0.019 min
Lab File: BG064695.D
Acq: 5 Nov 2025 21:29

Tgt Ion:172 Resp: 66245

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.4	44.0
170	23.5	19.1	28.7



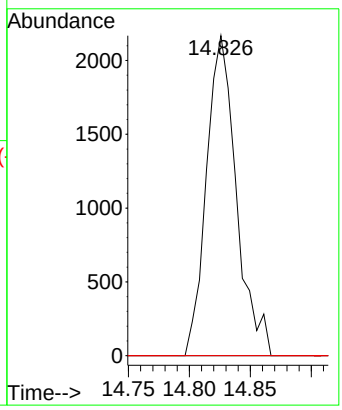


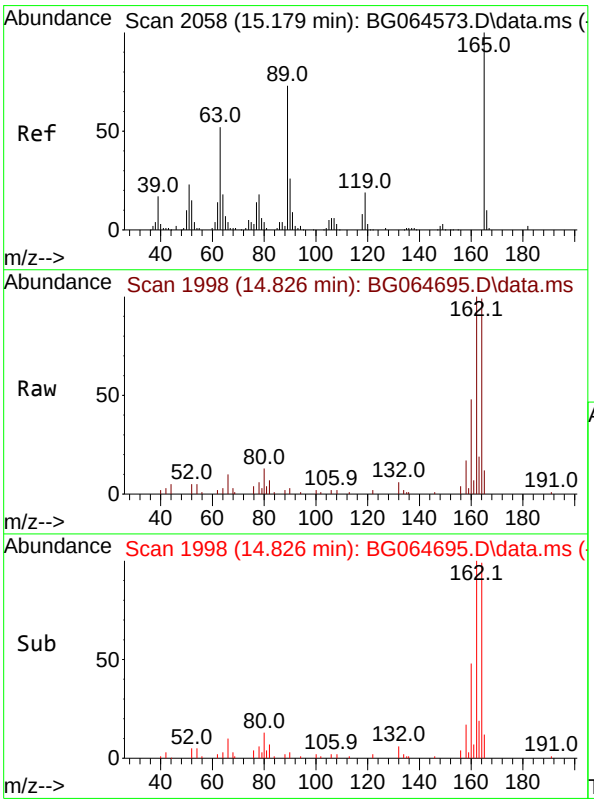
#51
2,6-Dinitrotoluene
Concen: 11.993 ng
RT: 14.826 min Scan# 1
Delta R.T. 0.428 min
Lab File: BG064695.D
Acq: 5 Nov 2025 21:29

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:165 Resp: 3703

Ion	Ratio	Lower	Upper
165	100		
63	0.0	57.4	86.0#
89	0.0	47.8	71.8#

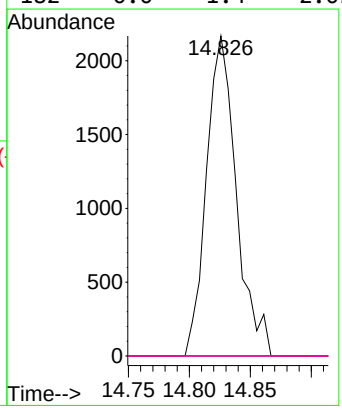


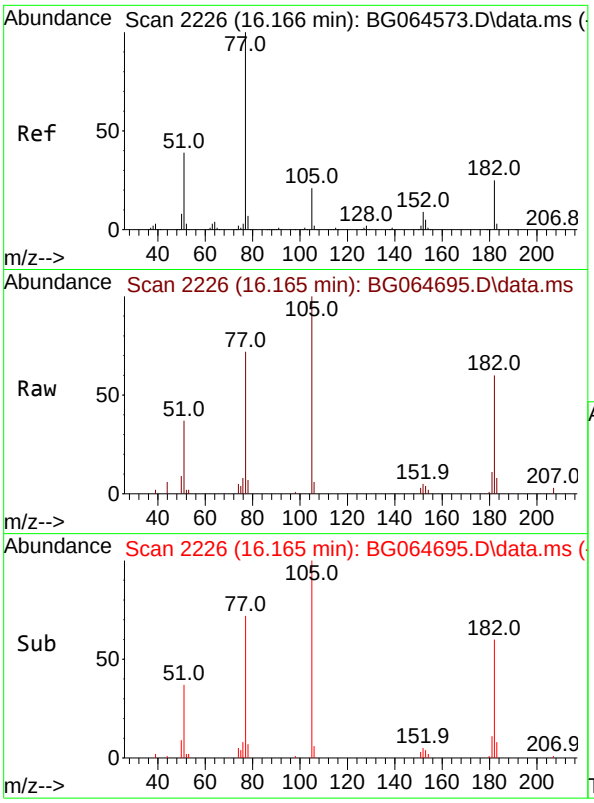


#57
2,4-Dinitrotoluene
Concen: 8.760 ng
RT: 14.826 min Scan# 1998
Delta R.T. -0.353 min
Lab File: BG064695.D
Acq: 5 Nov 2025 21:29

Tgt Ion:165 Resp: 3703

Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.8#
89	0.0	58.1	87.1#
182	0.0	1.4	2.0#



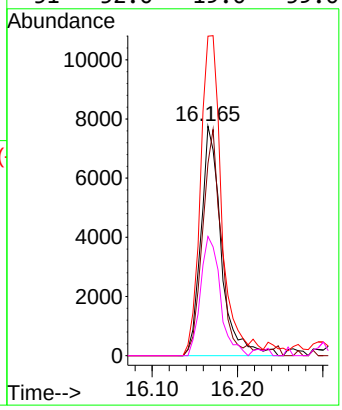


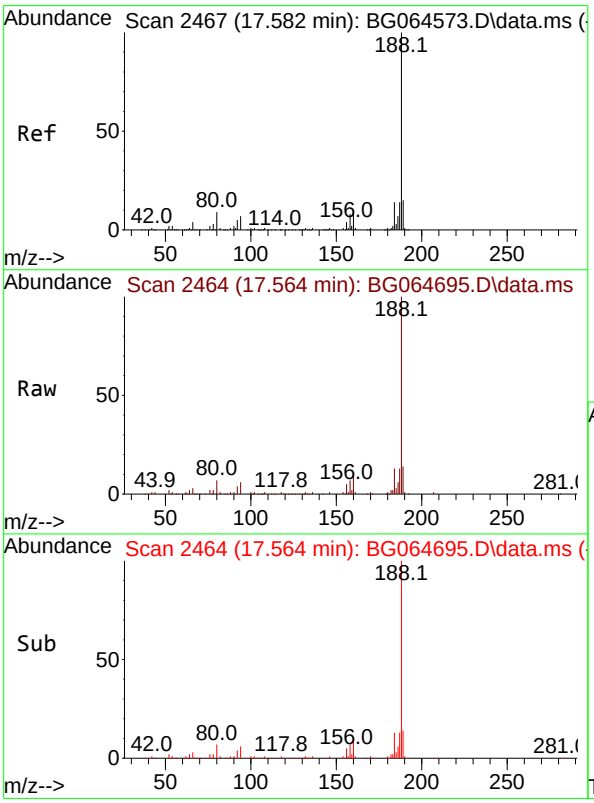
#63
Azobenzene
Concen: 5.750 ng
RT: 16.165 min Scan# 2
Delta R.T. -0.001 min
Lab File: BG064695.D
Acq: 5 Nov 2025 21:29

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion: 77 Resp: 12824

Ion	Ratio	Lower	Upper
77	100		
182	83.8	4.9	44.9#
105	139.3	1.3	41.3#
51	52.0	19.0	59.0

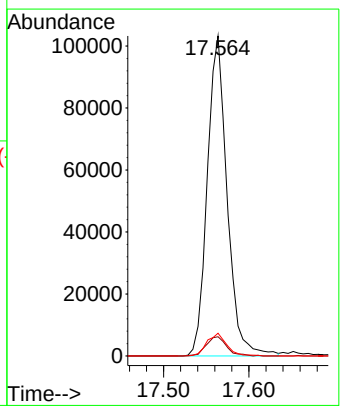


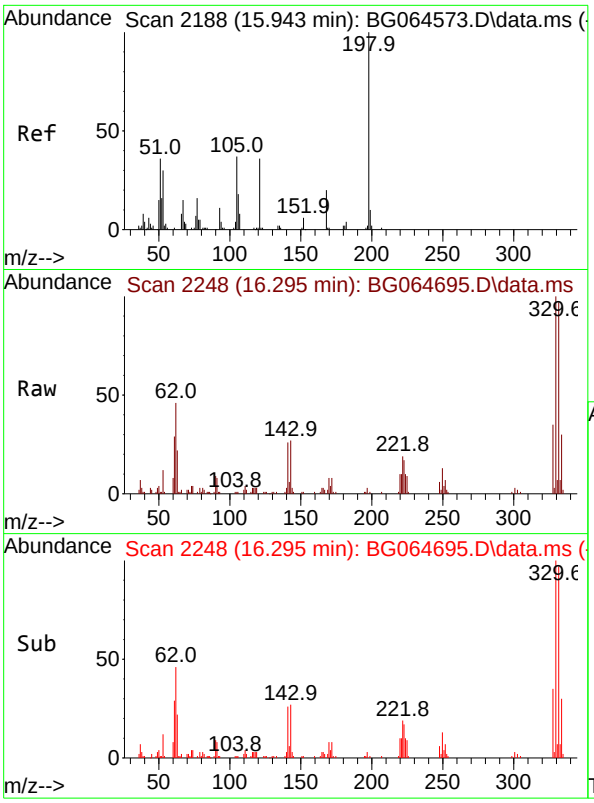


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.564 min Scan# 2464
Delta R.T. -0.019 min
Lab File: BG064695.D
Acq: 5 Nov 2025 21:29

Tgt Ion:188 Resp: 167086

Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.7	8.5
80	7.1	6.8	10.2



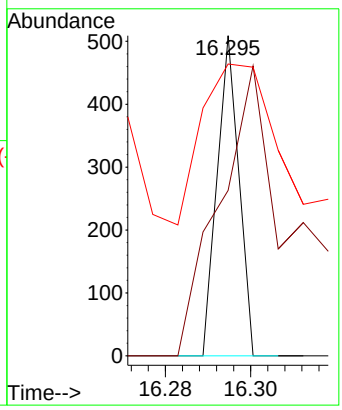


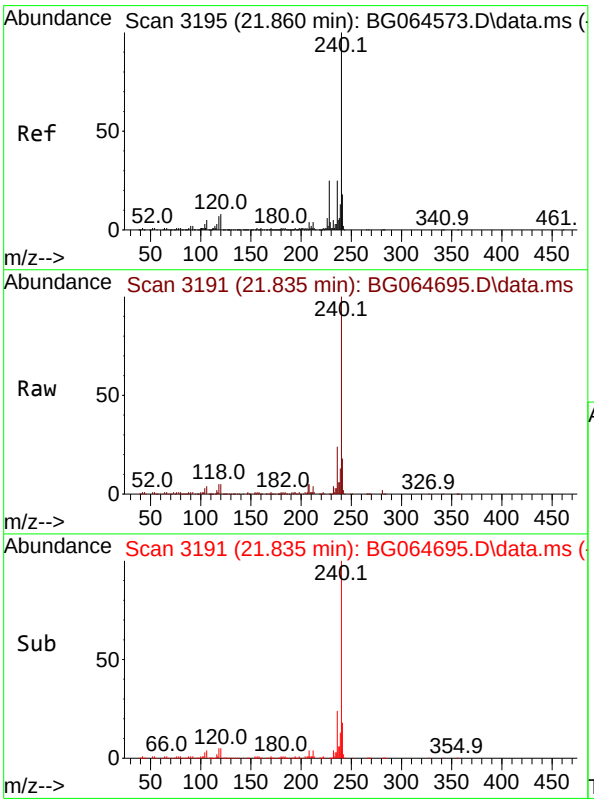
#65
4,6-Dinitro-2-methylphenol
Concen: 5.643 ng
RT: 16.295 min Scan# 2
Delta R.T. 0.352 min
Lab File: BG064695.D
Acq: 5 Nov 2025 21:29

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:198 Resp: 179

Ion	Ratio	Lower	Upper
198	100		
51	51.7	24.7	64.7
105	160.3	18.0	58.0#

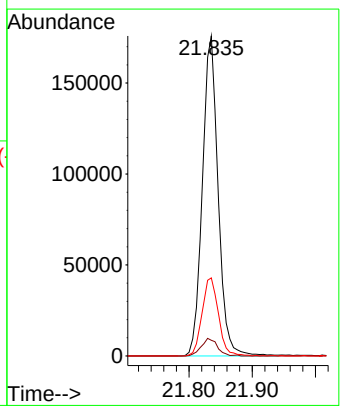


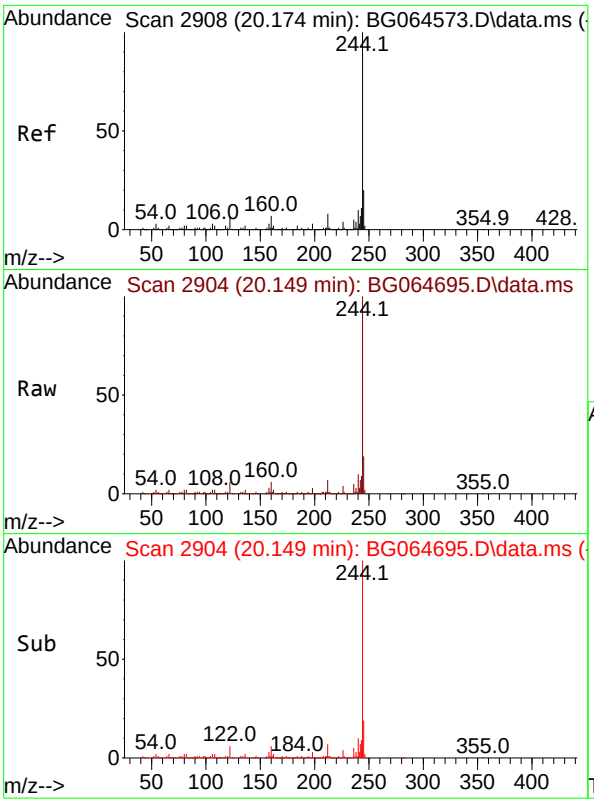


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.835 min Scan# 3191
Delta R.T. -0.025 min
Lab File: BG064695.D
Acq: 5 Nov 2025 21:29

Tgt Ion:240 Resp: 304748

Ion	Ratio	Lower	Upper
240	100		
120	4.9	6.5	9.7#
236	24.4	20.2	30.2



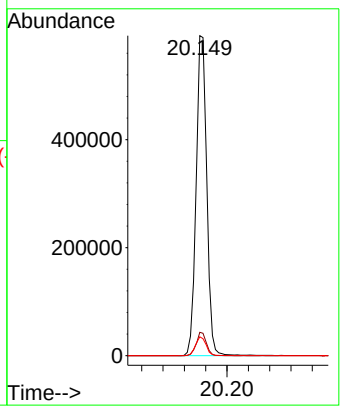


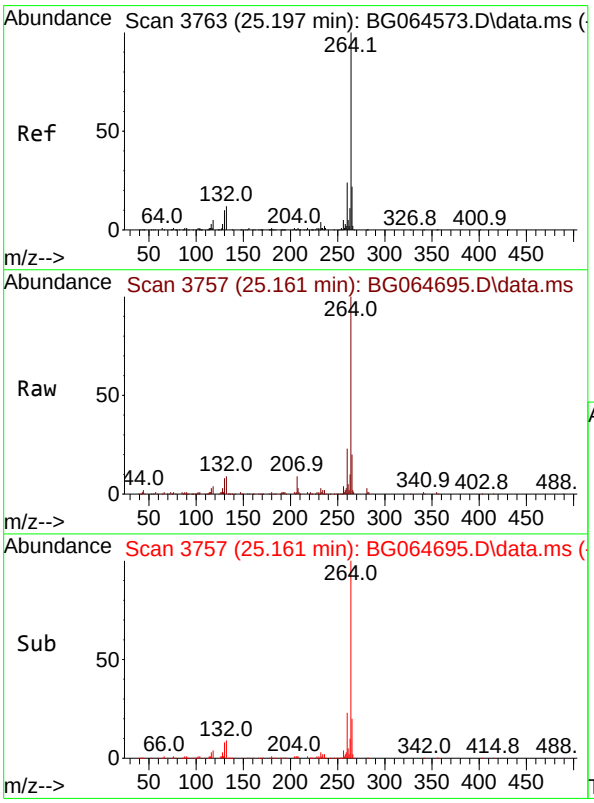
#79
Terphenyl-d14
Concen: 50.572 ng
RT: 20.149 min Scan# 2
Delta R.T. -0.025 min
Lab File: BG064695.D
Acq: 5 Nov 2025 21:29

Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion:244 Resp: 816659

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	5.9	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.161 min Scan# 3757
Delta R.T. -0.036 min
Lab File: BG064695.D
Acq: 5 Nov 2025 21:29

Tgt Ion:264 Resp: 311884

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.4
265	20.5	17.6	26.4