Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064430.D
Acq On : 23 Sep 2025 1:08
Operator : RC/JU
Sample : Q3157-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 23 01:55:53 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	7.838	152	15630	20.000	ng	#-0.02
21) Naphthalene-d8	10.623	136	63195	20.000	ng	#-0.03
39) Acenaphthene-d10	14.466	164	47171	20.000	ng	-0.02
64) Phenanthrene-d10	17.204	188	124137	20.000	ng	#-0.02
76) Chrysene-d12	21.428	240	152786	20.000	ng	#-0.03
86) Perylene-d12	24.430	264	169481	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.429	112	137979	158.380	ng	-0.02
7) Phenol-d6	7.015	99	172512	144.136	ng	-0.02
23) Nitrobenzene-d5	8.990	82	138709	122.412	ng	-0.03
42) 2,4,6-Tribromophenol	15.952	330	146263	234.095	ng	-0.02
45) 2-Fluorobiphenyl	13.085	172	353045	114.238	ng	-0.03
79) Terphenyl-d14	19.824	244	861900	117.696	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.990	70	20286	22.146	ng	# 73
51) 2,6-Dinitrotoluene	14.460	165	6304	9.120	ng	# 14
57) 2,4-Dinitrotoluene	14.460	165	6304	6.032	ng	# 17
67) 4-Bromophenyl-phenylether	15.952	248	9710	7.364	ng	# 1
77) Benzidine	19.824	184	17680	5.501	ng	# 92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
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Misc :
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Instrument :
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Quant Time: Sep 23 01:55:53 2025
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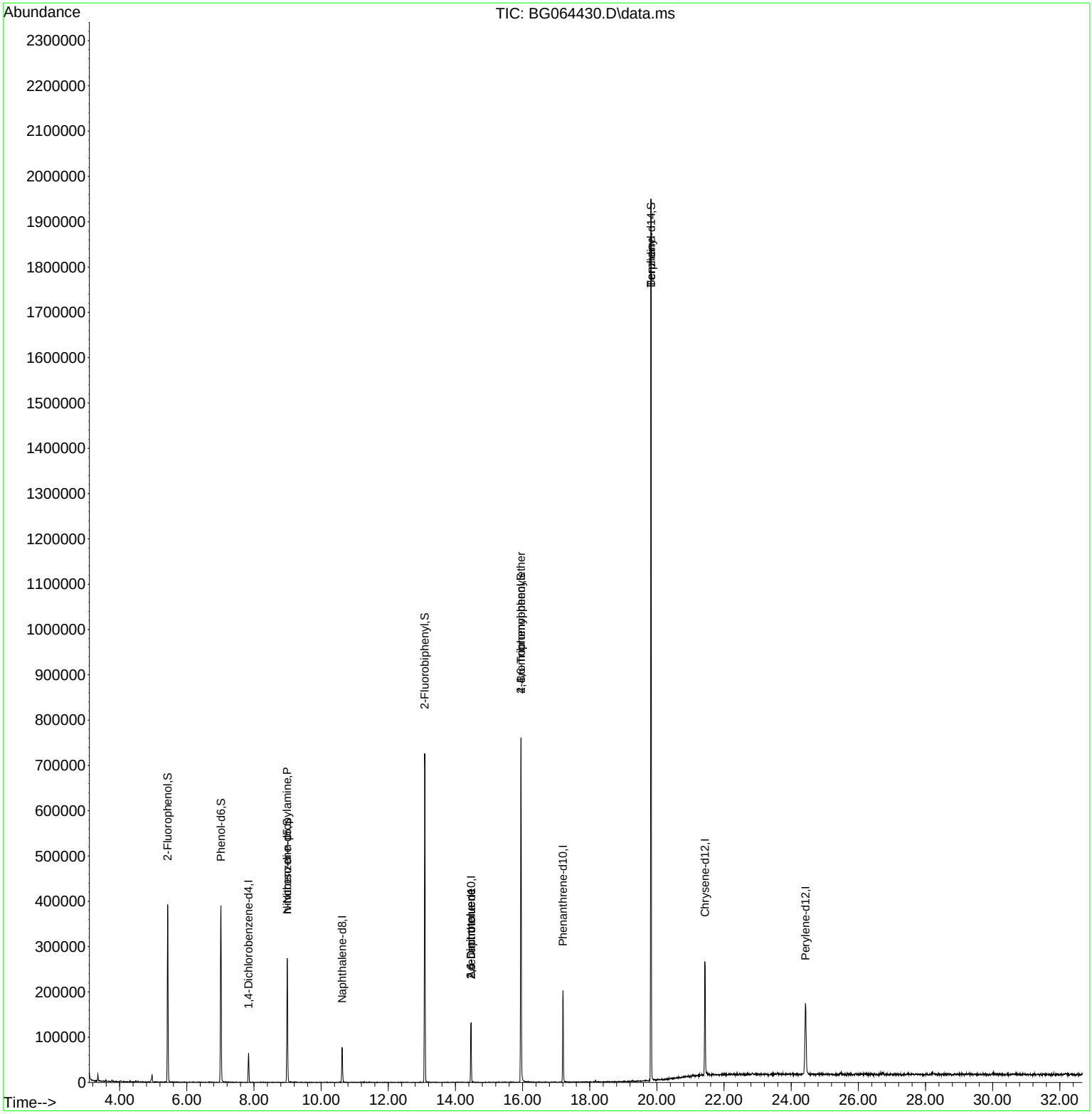
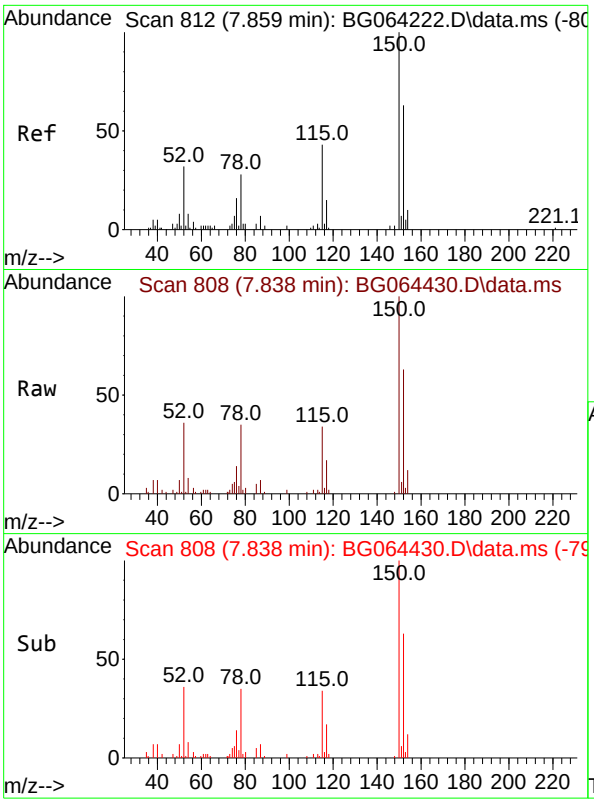
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration



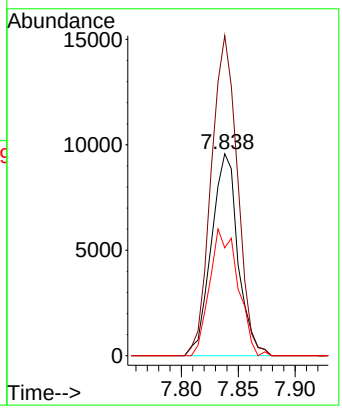


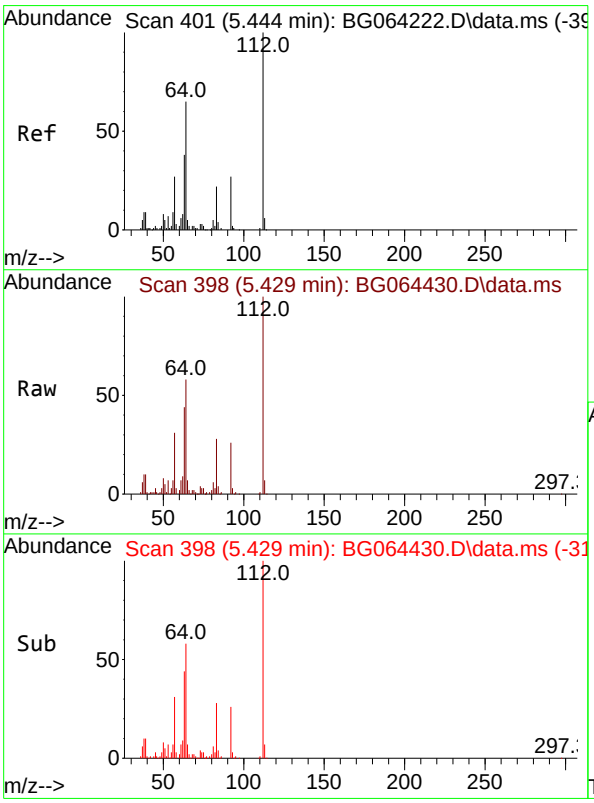
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.838 min Scan# 80
Delta R.T. -0.021 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 15630

Ion	Ratio	Lower	Upper
152	100		
150	158.5	128.0	192.0
115	53.4	55.7	83.5#

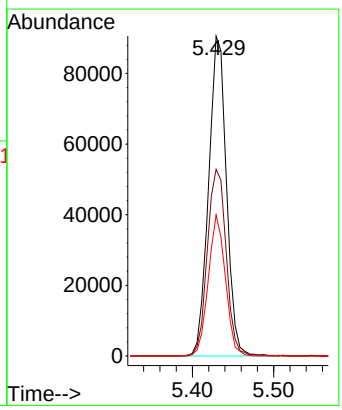


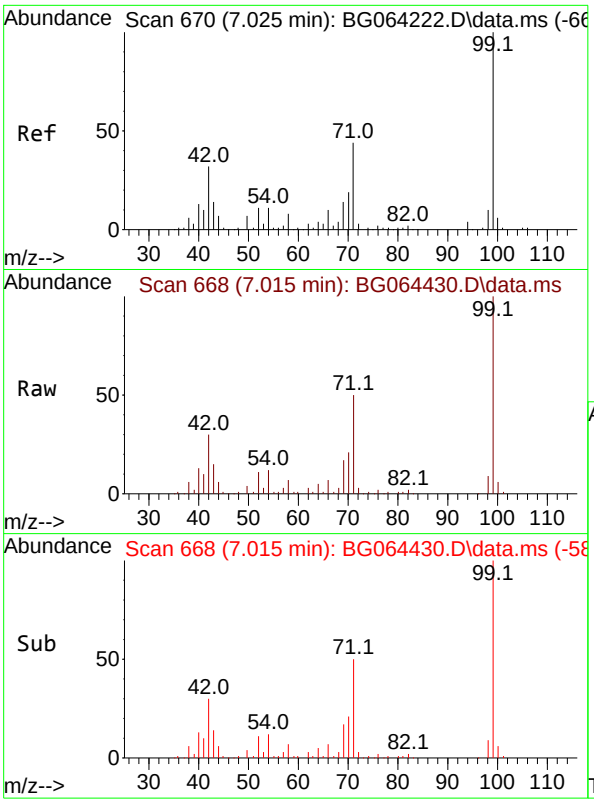


#5
2-Fluorophenol
Concen: 158.380 ng
RT: 5.429 min Scan# 398
Delta R.T. -0.015 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Tgt Ion:112 Resp: 137979

Ion	Ratio	Lower	Upper
112	100		
64	58.3	51.8	77.6
63	44.1	30.6	45.8



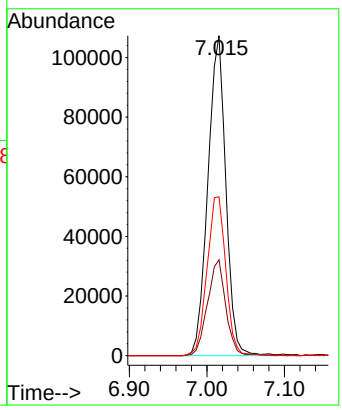


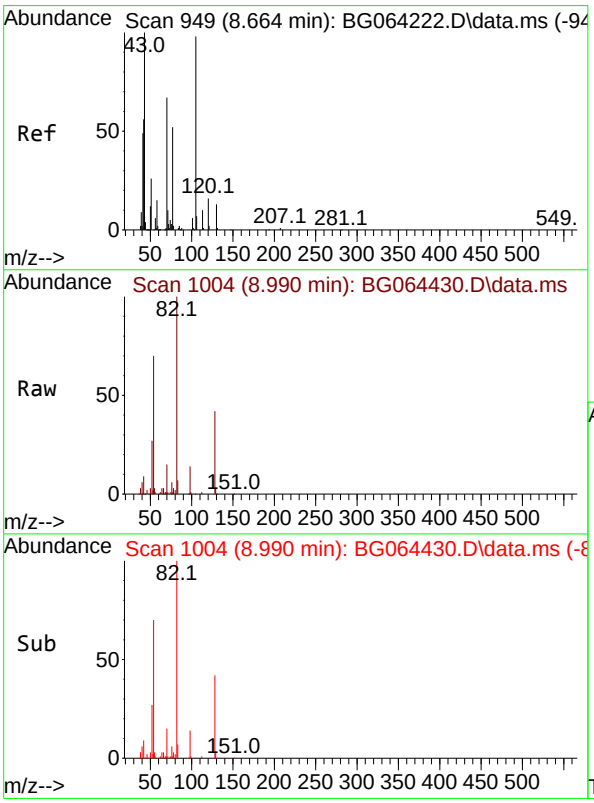
#7
Phenol-d6
Concen: 144.136 ng
RT: 7.015 min Scan# 6
Delta R.T. -0.015 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 172512

Ion	Ratio	Lower	Upper
99	100		
42	30.0	25.8	38.8
71	49.6	35.2	52.8

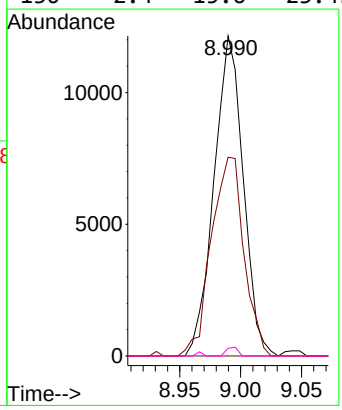


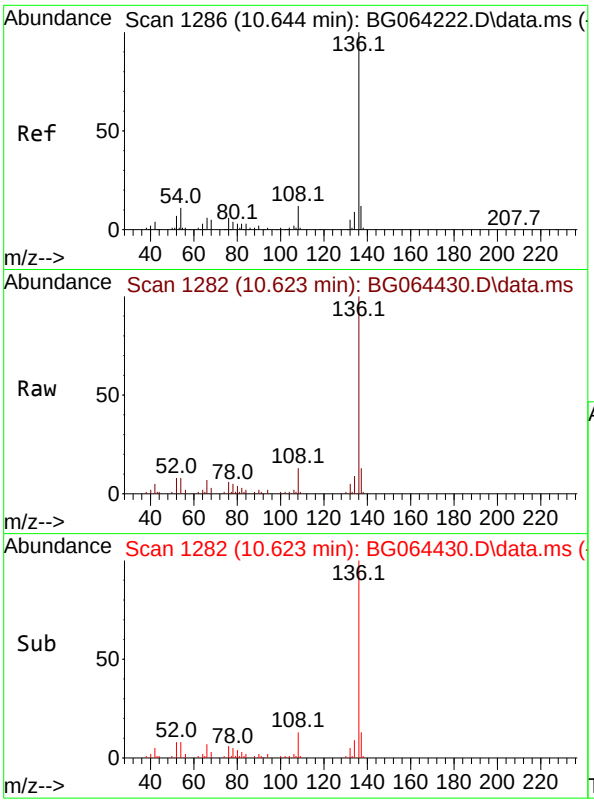


#19
n-Nitroso-di-n-propylamine
Concen: 22.146 ng
RT: 8.990 min Scan# 1004
Delta R.T. 0.326 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Tgt Ion: 70 Resp: 20286

Ion	Ratio	Lower	Upper
70	100		
42	62.1	67.9	101.9#
101	0.0	7.3	10.9#
130	2.4	15.6	23.4#



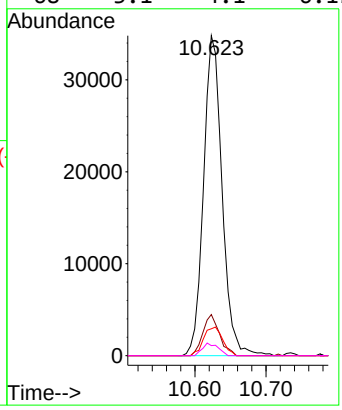


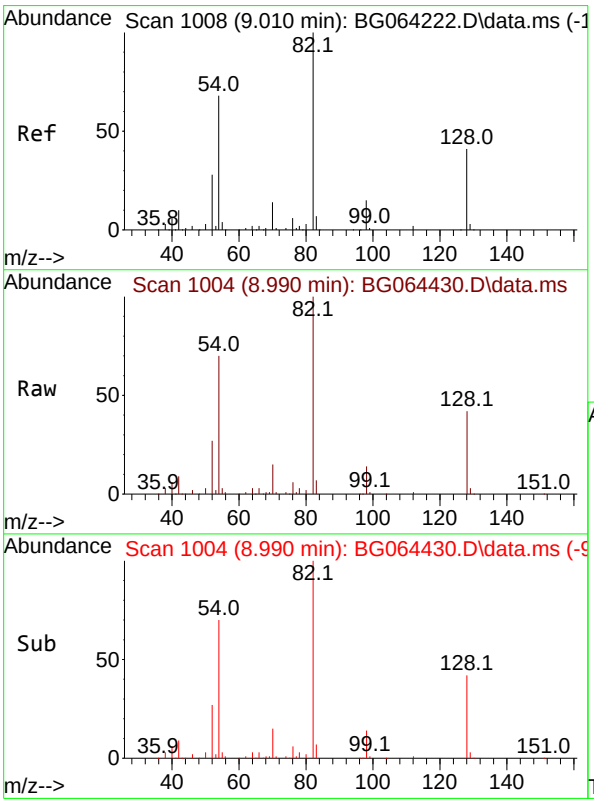
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.623 min Scan# 1
Delta R.T. -0.027 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 63195

Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.6	14.4
54	8.4	8.8	13.2#
68	3.1	4.1	6.1#

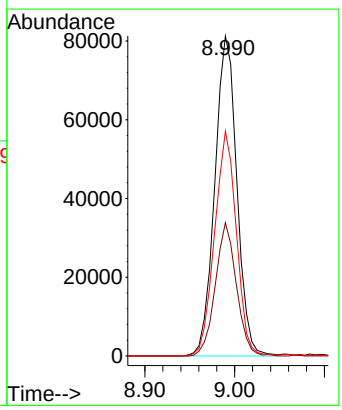


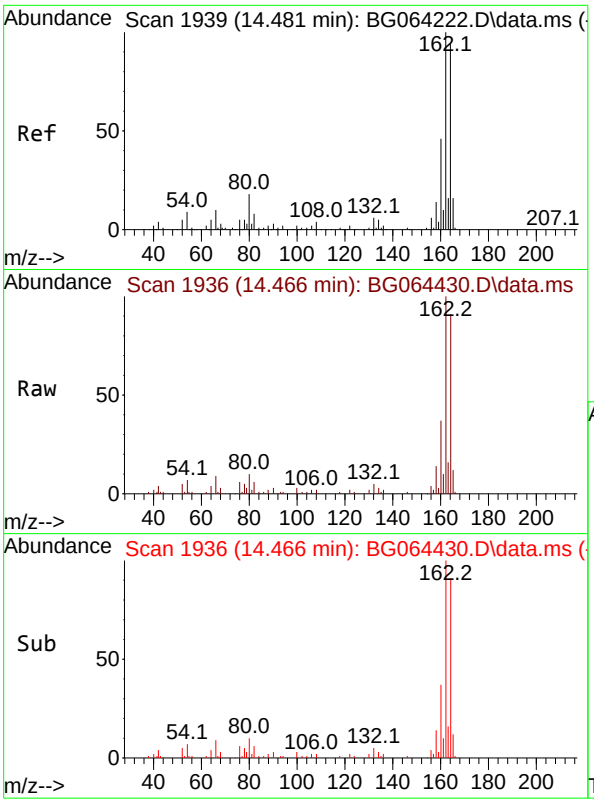


#23
Nitrobenzene-d5
Concen: 122.412 ng
RT: 8.990 min Scan# 1004
Delta R.T. -0.027 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Tgt Ion: 82 Resp: 138709

Ion	Ratio	Lower	Upper
82	100		
128	41.7	32.6	48.8
54	70.3	54.7	82.1



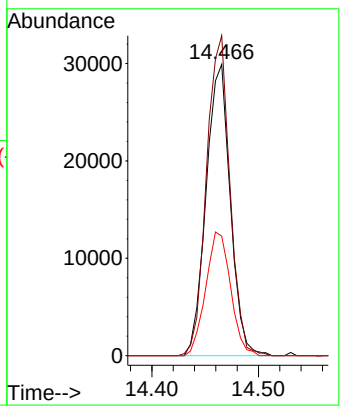


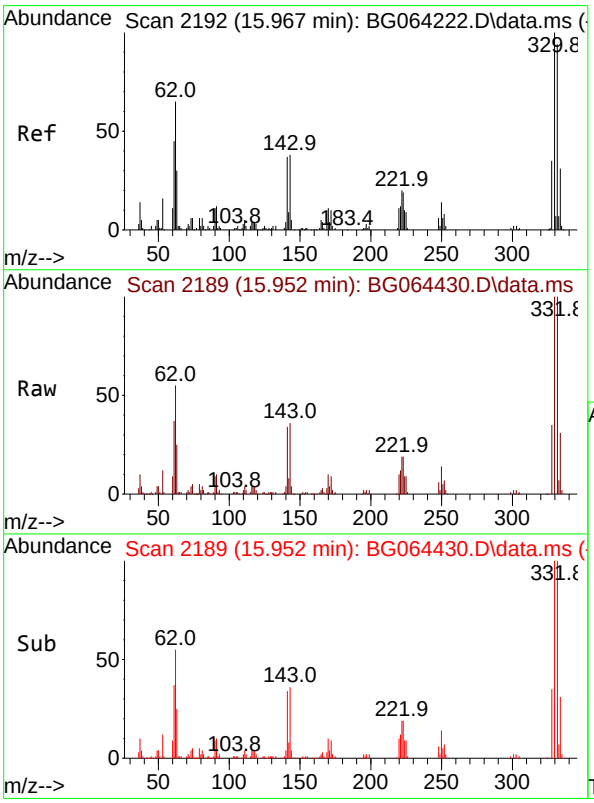
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.466 min Scan# 1
Delta R.T. -0.015 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 47171

Ion	Ratio	Lower	Upper
164	100		
162	109.8	85.4	128.0
160	41.0	39.2	58.8

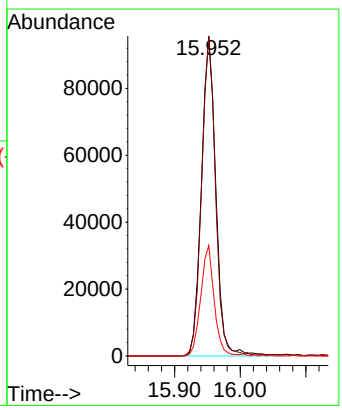


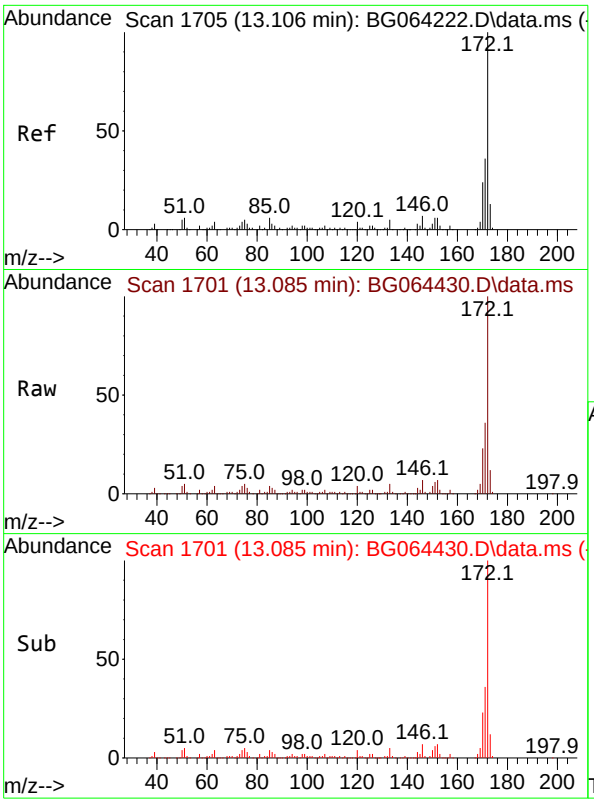


#42
2,4,6-Tribromophenol
Concen: 234.095 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.021 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Tgt Ion:330 Resp: 146263

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.6	116.4
141	32.5	29.8	44.6



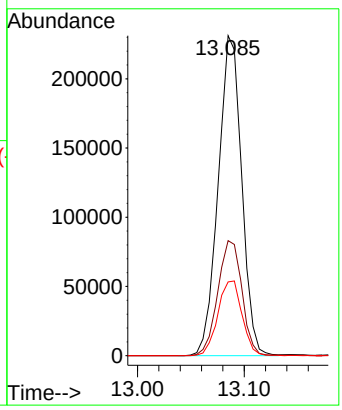


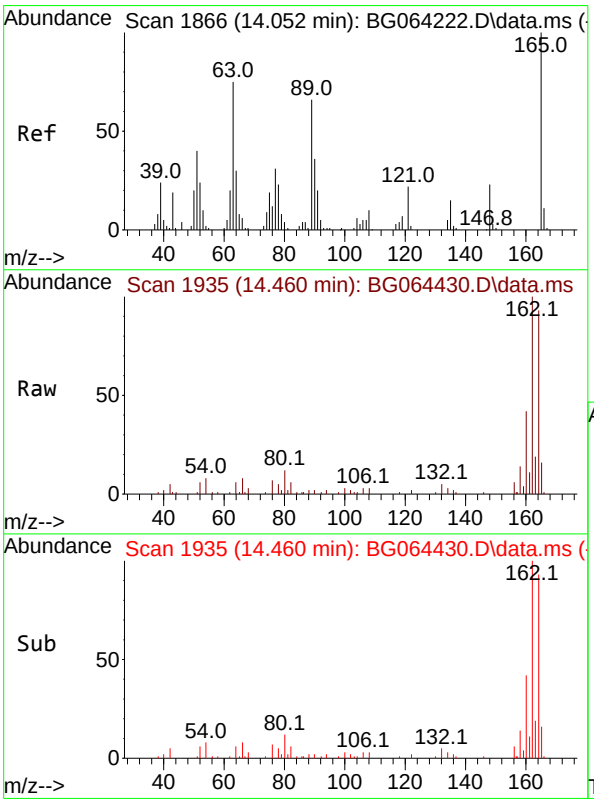
#45
2-Fluorobiphenyl
Concen: 114.238 ng
RT: 13.085 min Scan# 1
Delta R.T. -0.027 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 353045

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.7	43.1
170	23.1	19.0	28.6

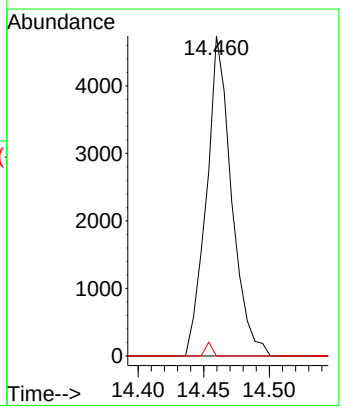


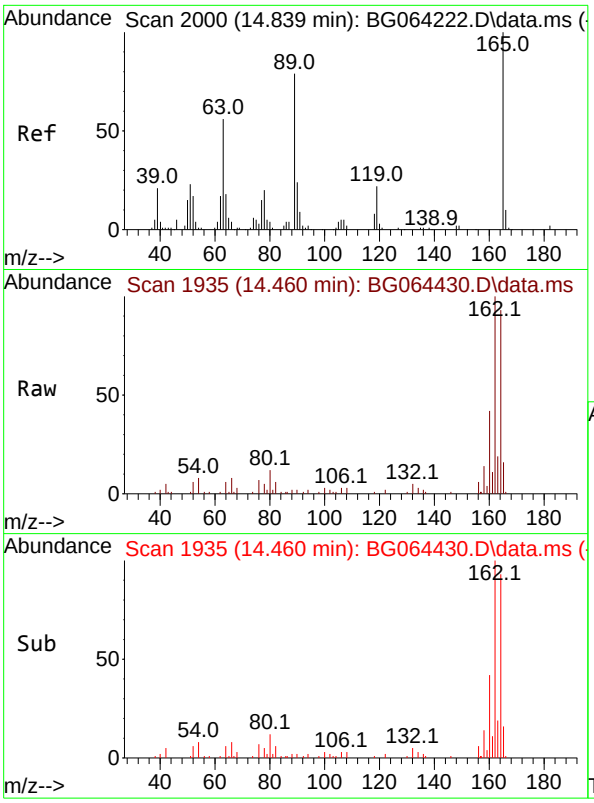


#51
2,6-Dinitrotoluene
Concen: 9.120 ng
RT: 14.460 min Scan# 1935
Delta R.T. 0.402 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Tgt Ion:165 Resp: 6304

Ion	Ratio	Lower	Upper
165	100		
63	0.0	60.3	90.5#
89	0.0	52.9	79.3#



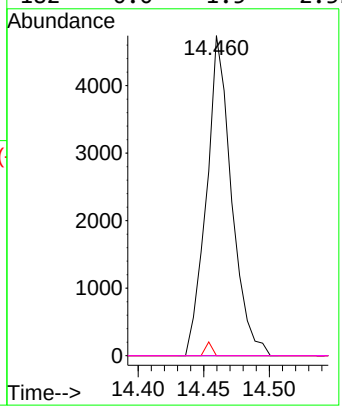


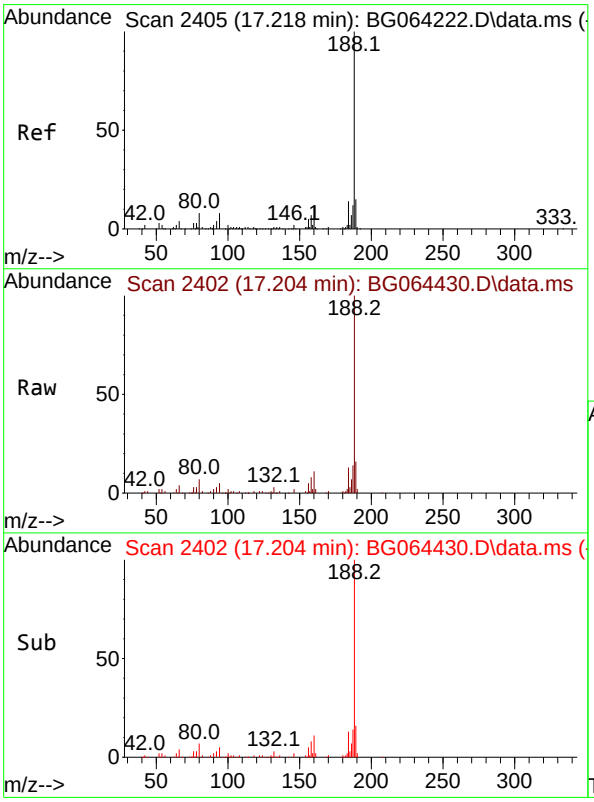
#57
2,4-Dinitrotoluene
Concen: 6.032 ng
RT: 14.460 min Scan# 1
Delta R.T. -0.385 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:165 Resp: 6304

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.6	67.0#
89	0.0	63.0	94.4#
182	0.0	1.5	2.3#

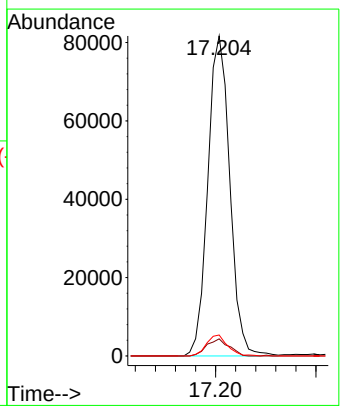


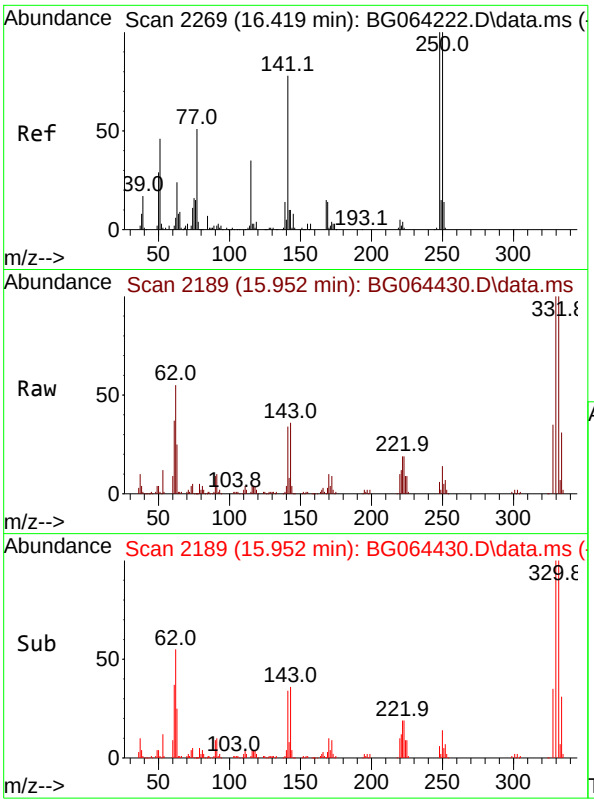


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2402
Delta R.T. -0.021 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Tgt Ion:188 Resp: 124137

Ion	Ratio	Lower	Upper
188	100		
94	5.4	6.2	9.4#
80	6.6	6.8	10.2#



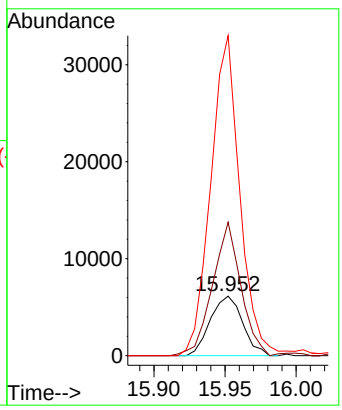


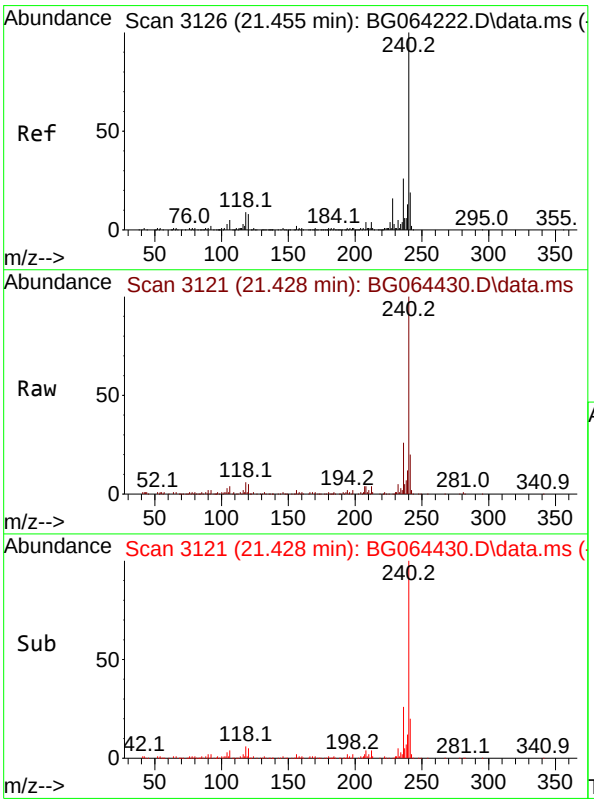
#67
4-Bromophenyl-phenylether
Concen: 7.364 ng
RT: 15.952 min Scan# 21
Delta R.T. -0.468 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 9710

Ion	Ratio	Lower	Upper
248	100		
250	224.3	80.2	120.4#
141	538.2	62.4	93.6#

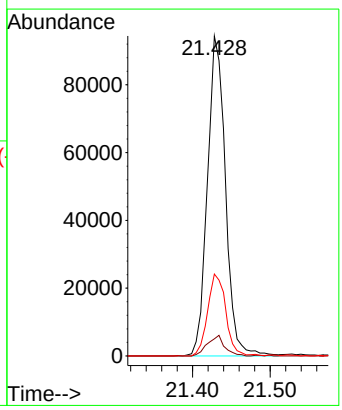


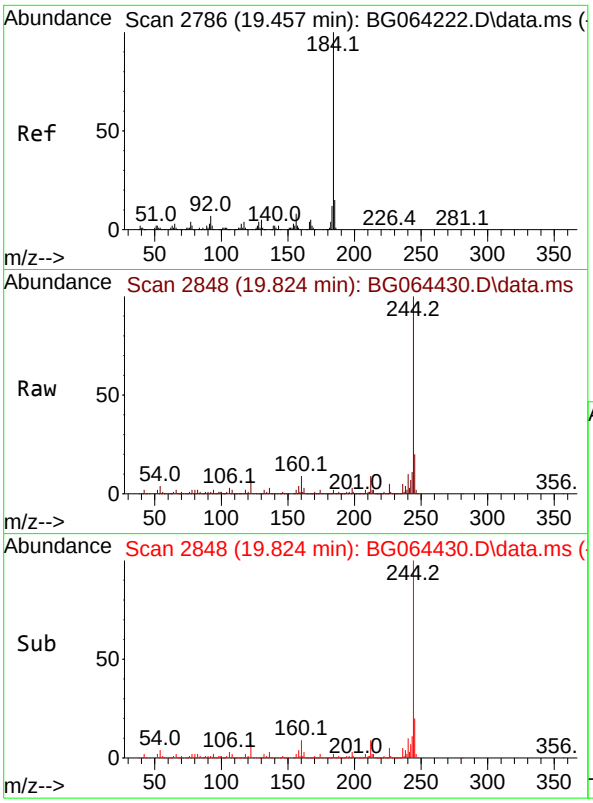


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.428 min Scan# 3121
Delta R.T. -0.027 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Tgt Ion:240 Resp: 152786

Ion	Ratio	Lower	Upper
240	100		
120	5.4	6.2	9.4#
236	25.6	20.5	30.7



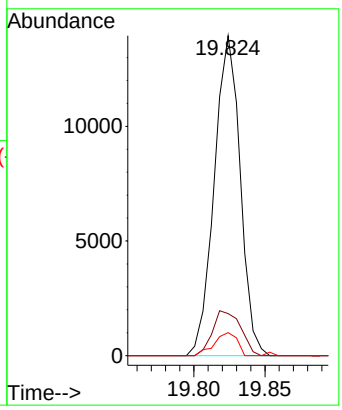


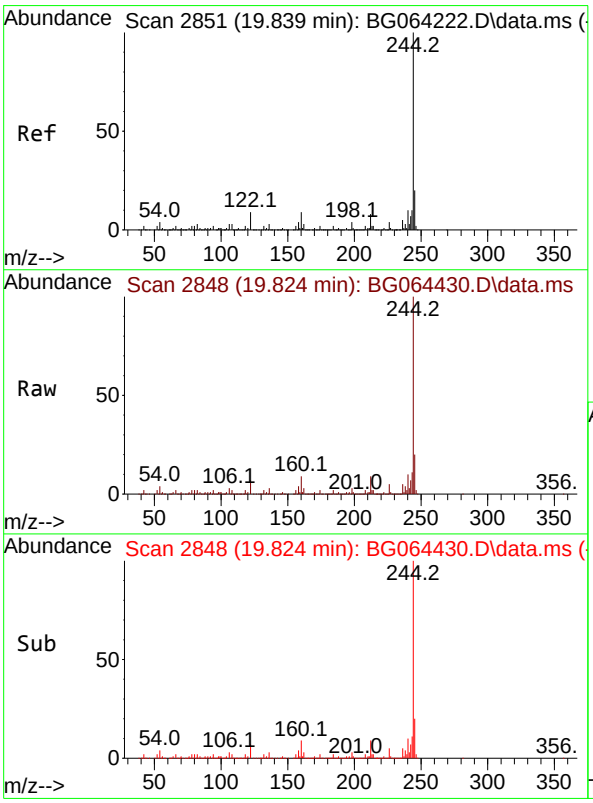
#77
Benzidine
Concen: 5.501 ng
RT: 19.824 min Scan# 2
Delta R.T. 0.367 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 17680

Ion	Ratio	Lower	Upper
184	100		
185	13.1	11.7	17.5
183	7.2	9.7	14.5#

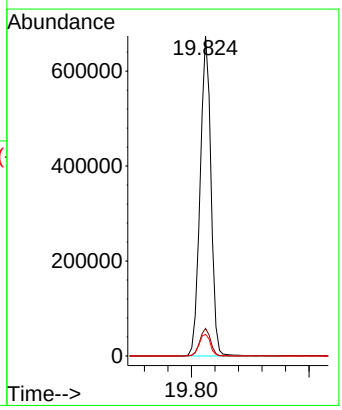


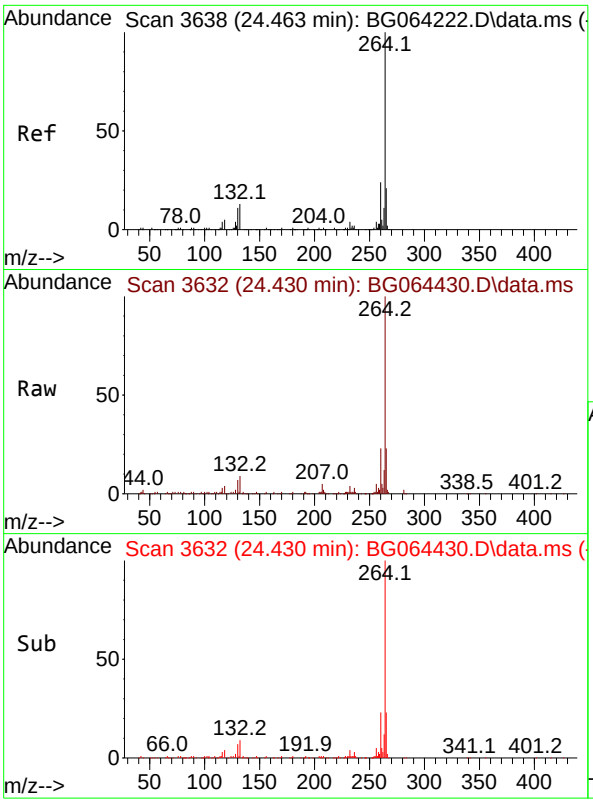


#79
Terphenyl-d14
Concen: 117.696 ng
RT: 19.824 min Scan# 2848
Delta R.T. -0.021 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Tgt Ion:244 Resp: 861900

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	10.0
122	6.8	7.0	10.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.430 min Scan# 3
Delta R.T. -0.033 min
Lab File: BG064430.D
Acq: 23 Sep 2025 1:08

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 169481

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.9	28.3
265	22.7	16.7	25.1