Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064808.D
Acq On : 18 Nov 2025 18:23
Operator : RC/JU
Sample : Q3660-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-M21012

Quant Time: Nov 19 00:00:34 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

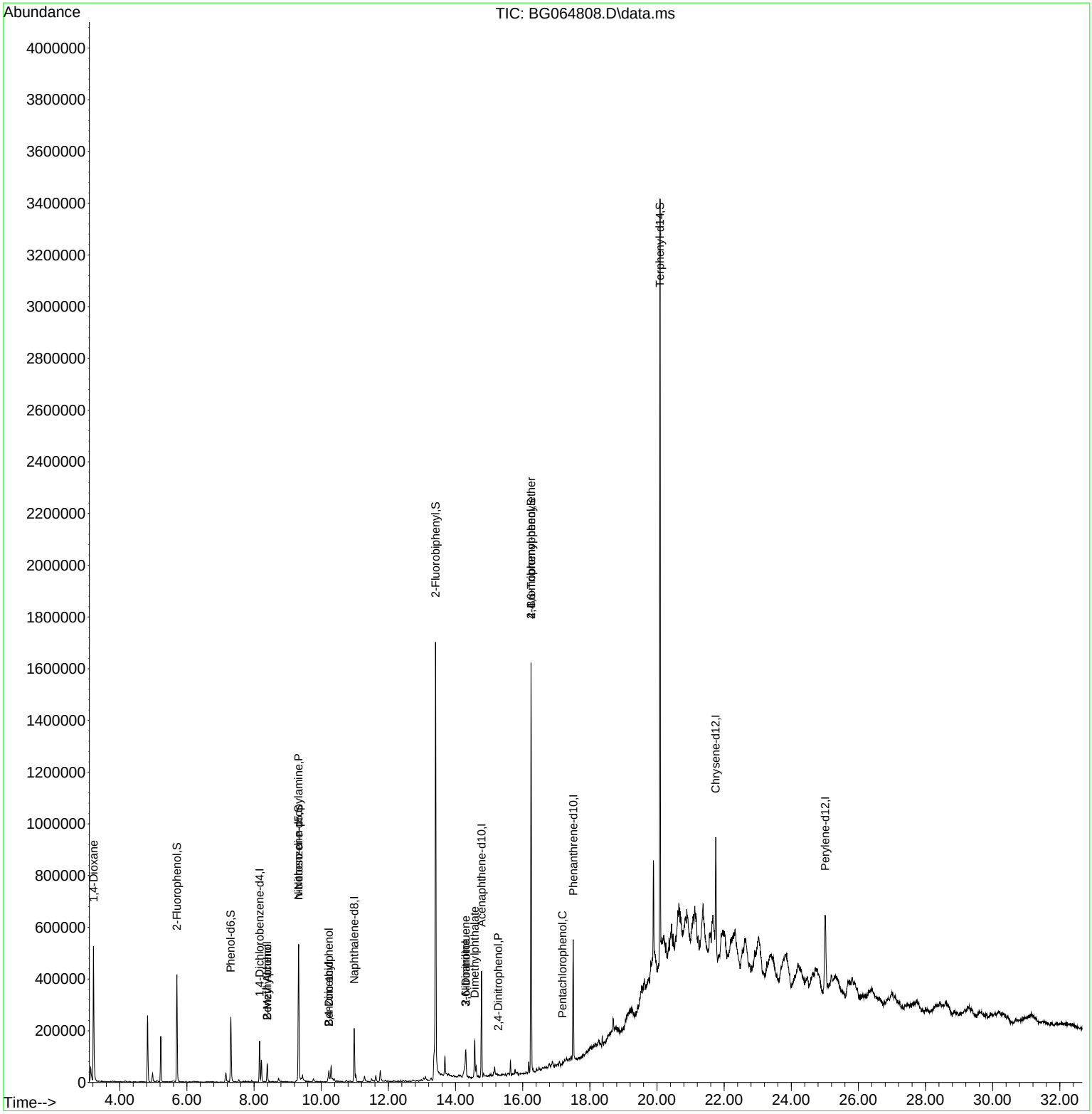
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.165	152	45117	20.000	ng	# 0.00
21) Naphthalene-d8	10.985	136	178496	20.000	ng	0.00
39) Acenaphthene-d10	14.775	164	147851	20.000	ng	0.00
64) Phenanthrene-d10	17.507	188	311465	20.000	ng	0.00
76) Chrysene-d12	21.749	240	300385	20.000	ng	# 0.00
86) Perylene-d12	25.010	264	339519	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	172954	66.940	ng	0.00
7) Phenol-d6	7.307	99	147265	42.854	ng	0.00
23) Nitrobenzene-d5	9.328	82	312678	86.611	ng	0.00
42) 2,4,6-Tribromophenol	16.250	330	358664	124.383	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	913894	86.249	ng	0.00
79) Terphenyl-d14	20.092	244	1537894	100.710	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	4555	4.554	ng	# 1
15) Benzyl Alcohol	8.394	79	26606	9.432	ng	95
17) 2-Methylphenol	8.394	107	13012	4.918	ng	# 1
19) n-Nitroso-di-n-propyla...	9.328	70	41465	17.846	ng	# 64
27) 2,4-Dimethylphenol	10.227	122	20593	7.065	ng	# 1
32) Benzoic acid	10.227	122	20593	14.665	ng	94
50) Dimethylphthalate	14.575	163	88493	7.577	ng	# 95
51) 2,6-Dinitrotoluene	14.305	165	5890	2.621	ng	# 31
53) 3-Nitroaniline	14.299	138	74307	33.500	ng	# 1
54) 2,4-Dinitrophenol	15.268	184	61	8.619	ng	# 20
67) 4-Bromophenyl-phenylether	16.250	248	22598	5.525	ng	# 1
70) Pentachlorophenol	17.184	266	68	6.164	ng	# 16

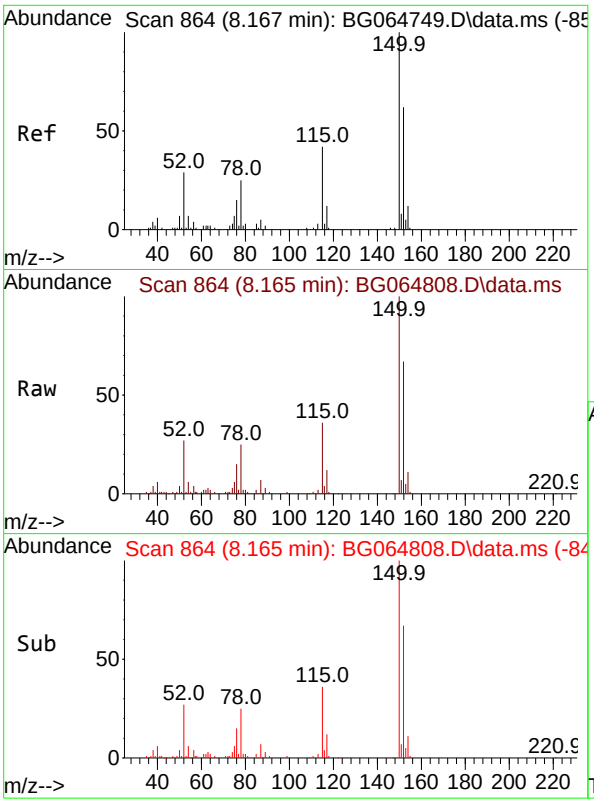
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
Data File : BG064808.D
Acq On : 18 Nov 2025 18:23
Operator : RC/JU
Sample : Q3660-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-M21012

Quant Time: Nov 19 00:00:34 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



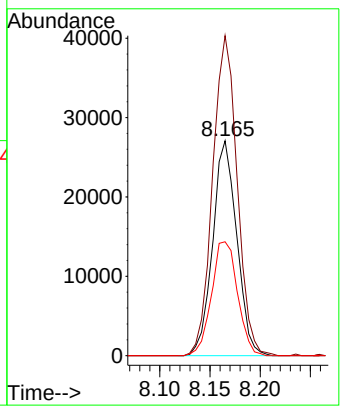


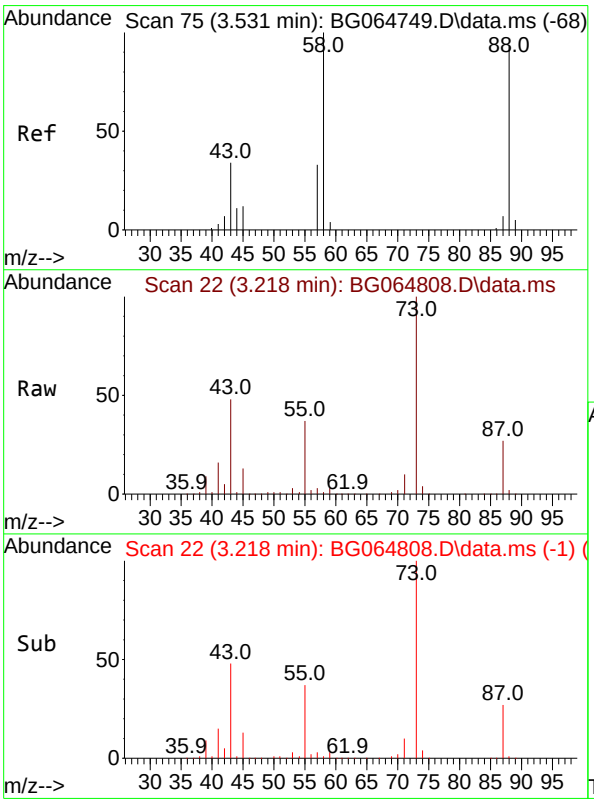
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.165 min Scan# 8
Delta R.T. -0.002 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-M21012

Tgt Ion:152 Resp: 45117

Ion	Ratio	Lower	Upper
152	100		
150	148.9	129.2	193.8
115	53.0	53.7	80.5#

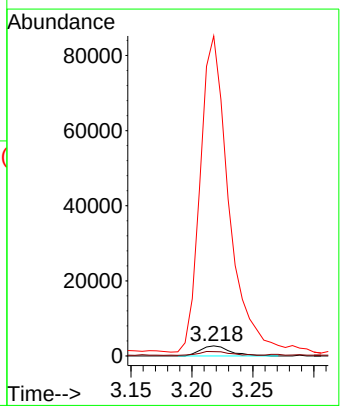


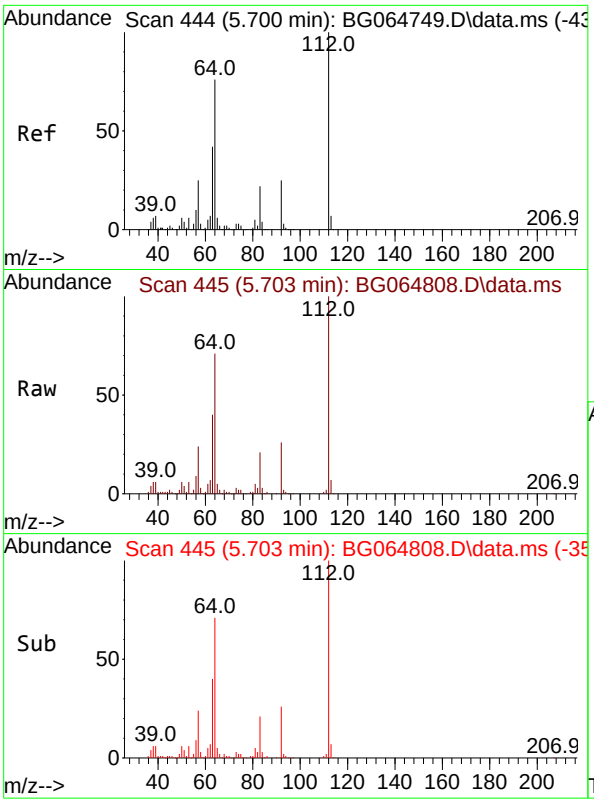


#2
1,4-Dioxane
Concen: 4.554 ng
RT: 3.218 min Scan# 22
Delta R.T. -0.314 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Tgt Ion: 88 Resp: 4555

Ion	Ratio	Lower	Upper
88	100		
58	38.4	84.6	126.8#
43	3124.8	30.0	45.0#



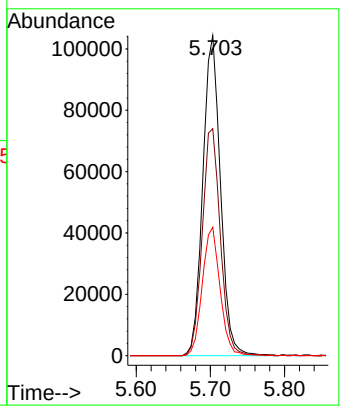


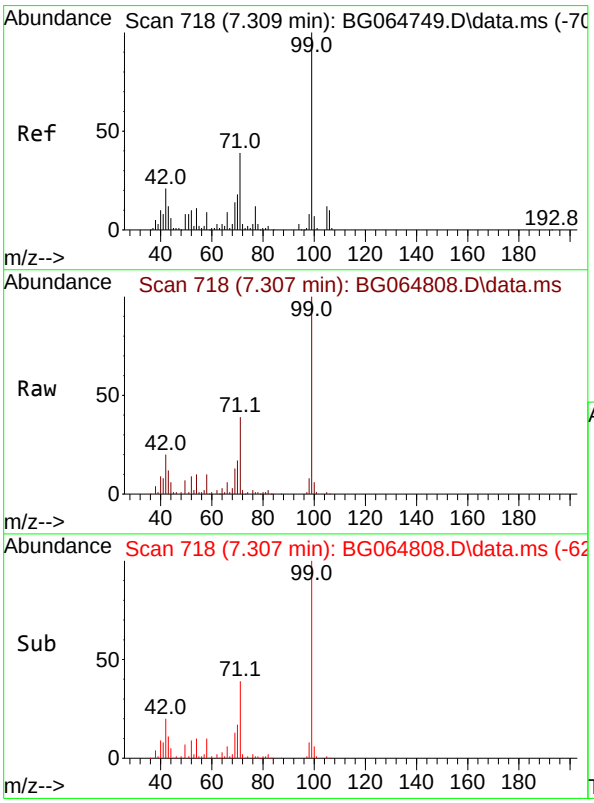
#5
2-Fluorophenol
Concen: 66.940 ng
RT: 5.703 min Scan# 44
Delta R.T. 0.004 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-M21012

Tgt Ion:112 Resp: 172954

Ion	Ratio	Lower	Upper
112	100		
64	70.9	61.0	91.4
63	40.1	33.3	49.9

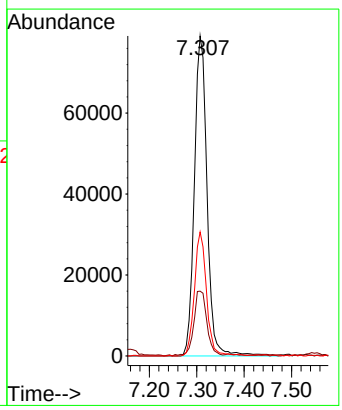


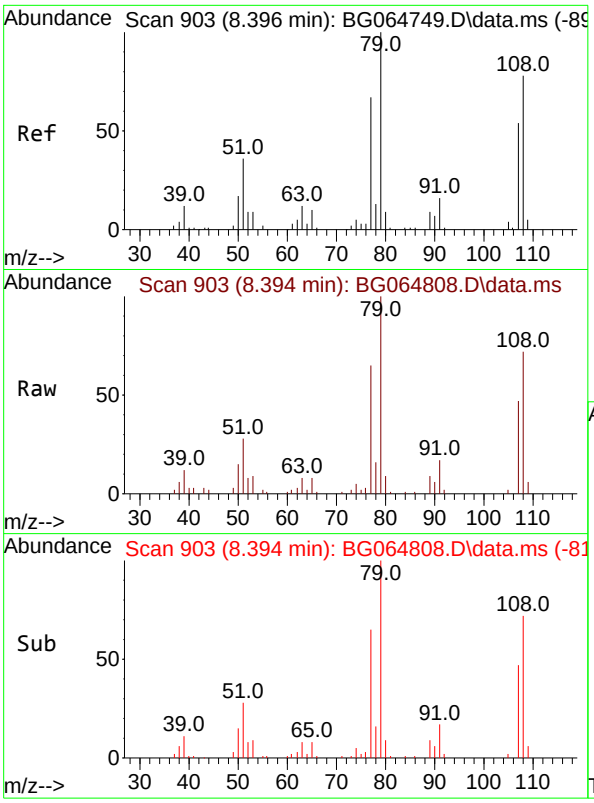


#7
Phenol-d6
Concen: 42.854 ng
RT: 7.307 min Scan# 718
Delta R.T. -0.002 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Tgt Ion: 99 Resp: 147265

Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.8	25.2
71	38.7	31.1	46.7



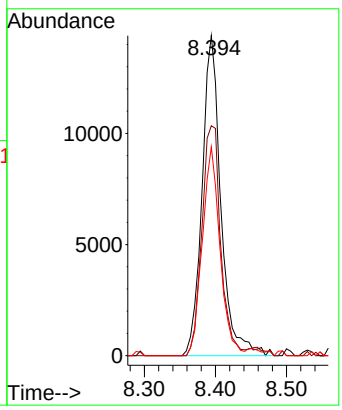


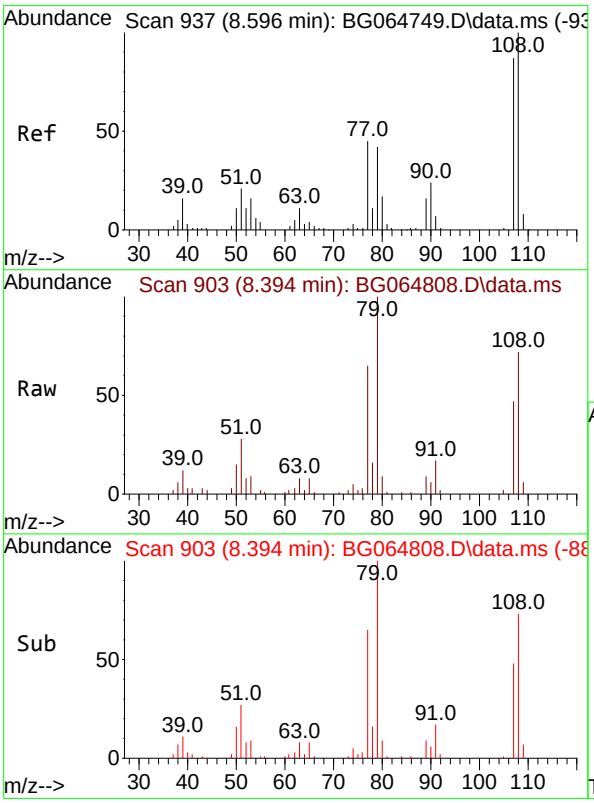
#15
Benzyl Alcohol
Concen: 9.432 ng
RT: 8.394 min Scan# 9
Delta R.T. -0.002 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-M21012

Tgt Ion: 79 Resp: 26606

Ion	Ratio	Lower	Upper
79	100		
108	71.9	62.3	93.5
77	65.3	53.5	80.3

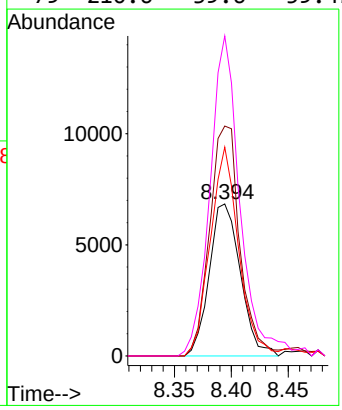


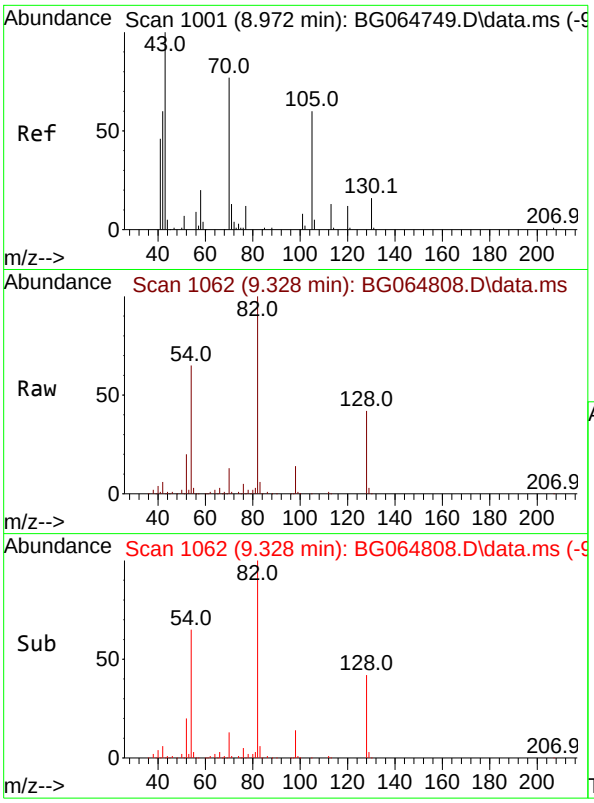


#17
2-Methylphenol
Concen: 4.918 ng
RT: 8.394 min Scan# 903
Delta R.T. -0.202 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Tgt Ion:107 Resp: 13012

Ion	Ratio	Lower	Upper
107	100		
108	151.4	92.6	138.8#
77	137.4	41.2	61.8#
79	210.6	39.6	59.4#



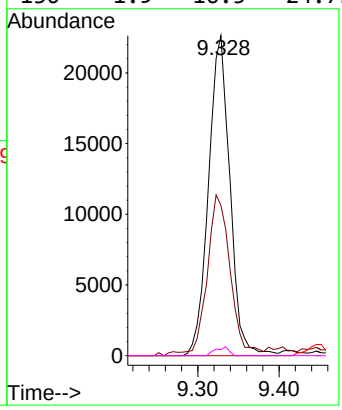


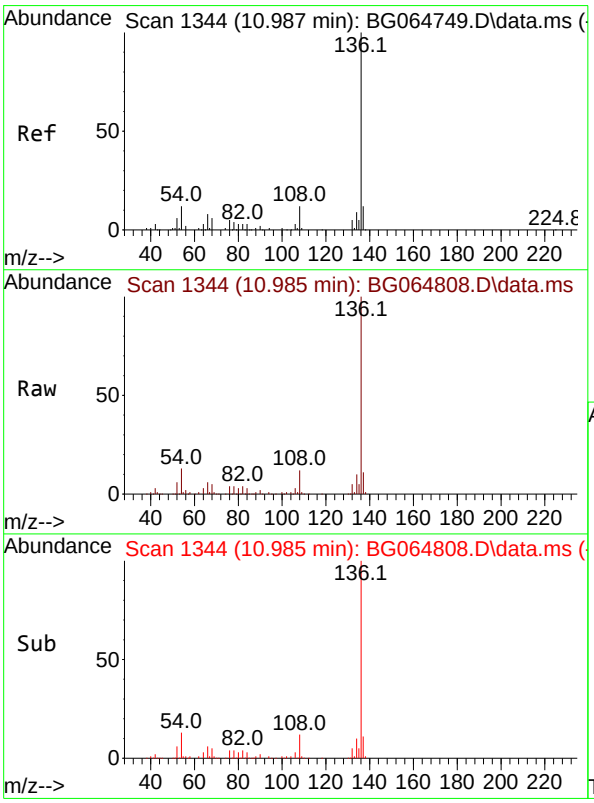
#19
n-Nitroso-di-n-propylamine
Concen: 17.846 ng
RT: 9.328 min Scan# 1
Delta R.T. 0.356 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-M21012

Tgt Ion: 70 Resp: 41465

Ion	Ratio	Lower	Upper
70	100		
42	47.0	62.6	93.8#
101	0.0	8.0	12.0#
130	1.9	16.5	24.7#

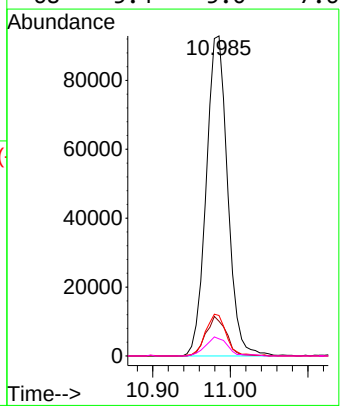


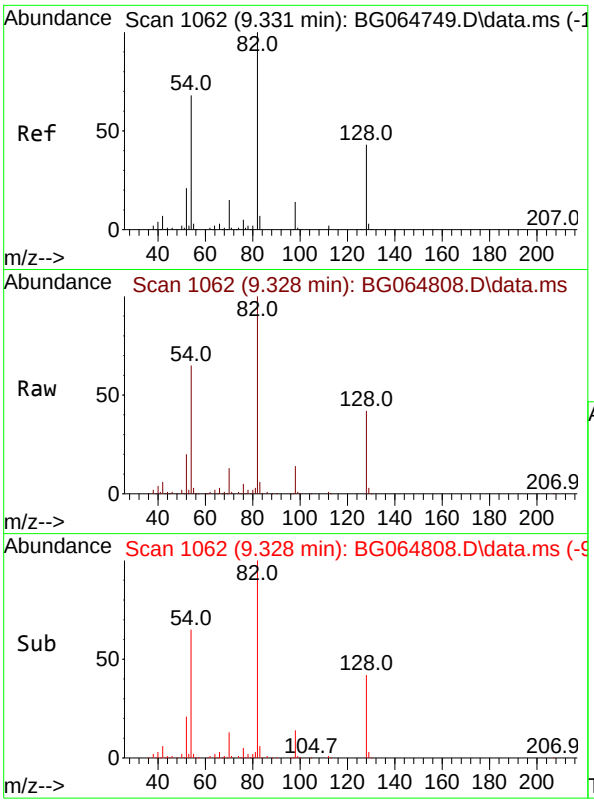


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.985 min Scan# 1344
Delta R.T. -0.002 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Tgt Ion:136 Resp: 178496

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.3	13.9
54	12.7	9.3	13.9
68	5.4	5.0	7.6



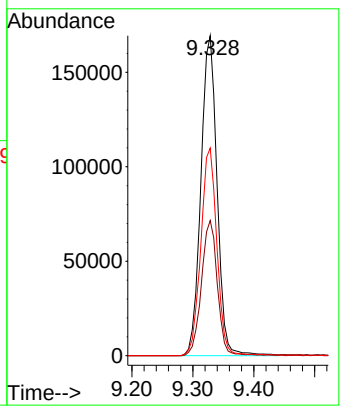


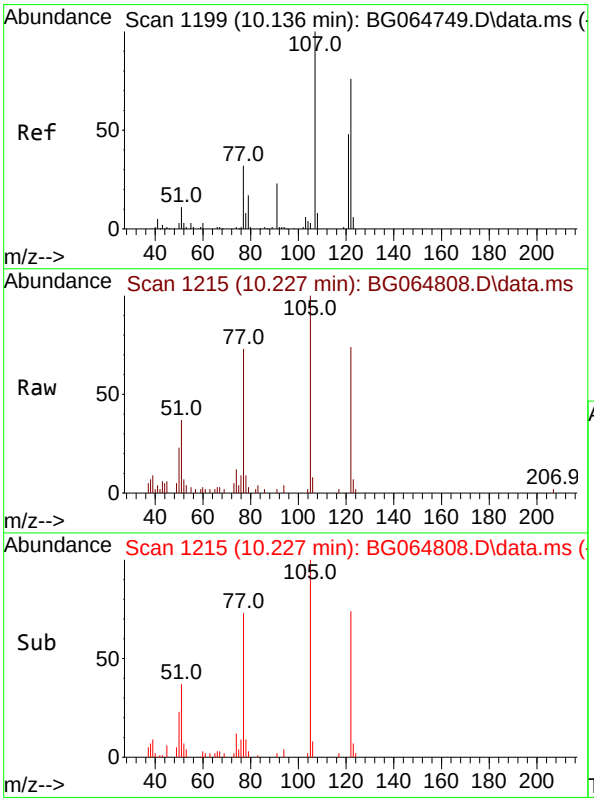
#23
Nitrobenzene-d5
Concen: 86.611 ng
RT: 9.328 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-M21012

Tgt Ion: 82 Resp: 312678

Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.1	51.1
54	64.9	54.3	81.5

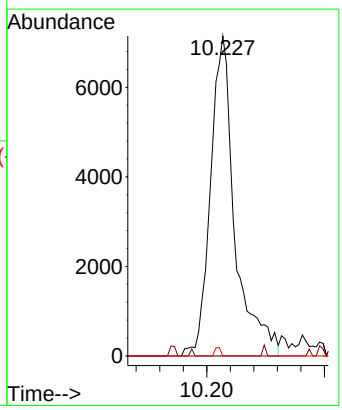


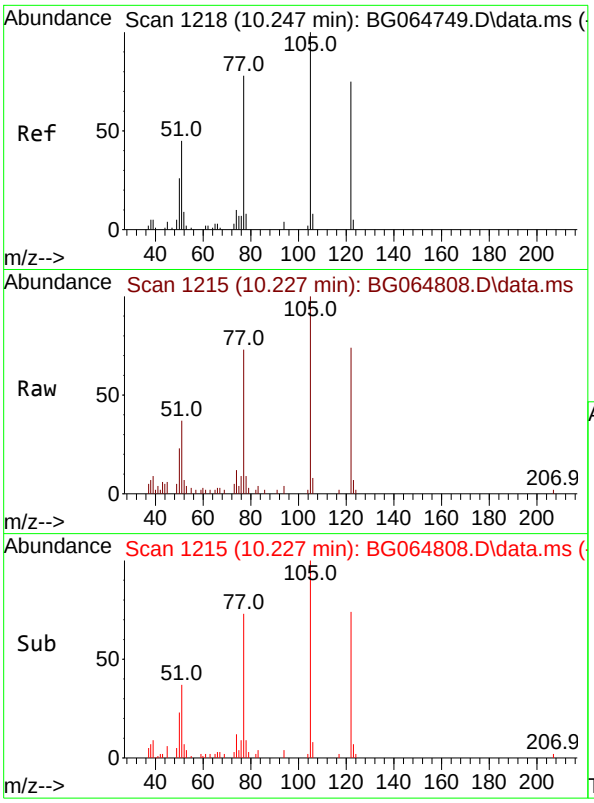


#27
2,4-Dimethylphenol
Concen: 7.065 ng
RT: 10.227 min Scan# 1215
Delta R.T. 0.092 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Tgt Ion:122 Resp: 20593

Ion	Ratio	Lower	Upper
122	100		
107	0.0	102.5	153.7#
121	0.0	49.0	73.6#



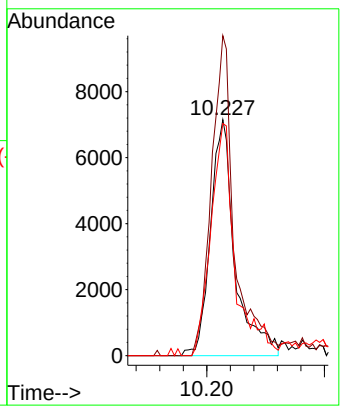


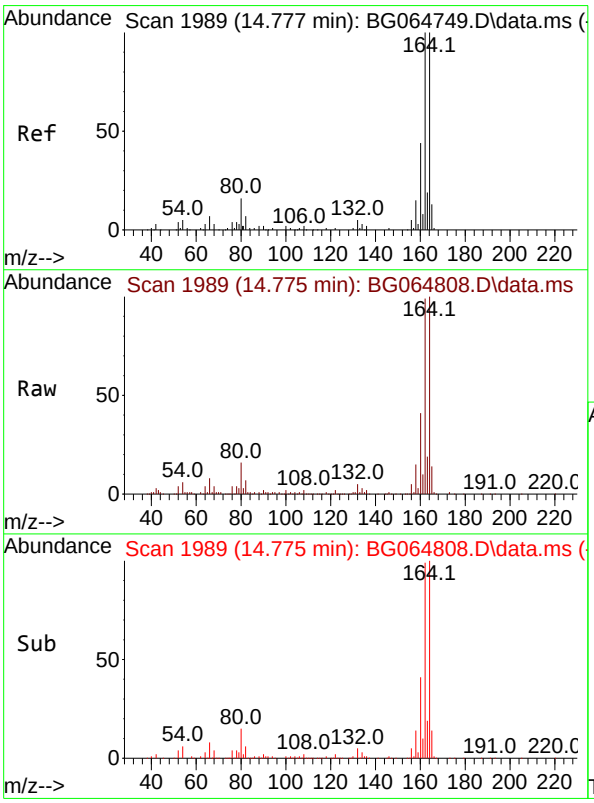
#32
Benzoic acid
Concen: 14.665 ng
RT: 10.227 min Scan# 1
Delta R.T. -0.020 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-M21012

Tgt Ion:122 Resp: 20593

Ion	Ratio	Lower	Upper
122	100		
105	135.6	107.6	147.6
77	98.4	82.5	122.5

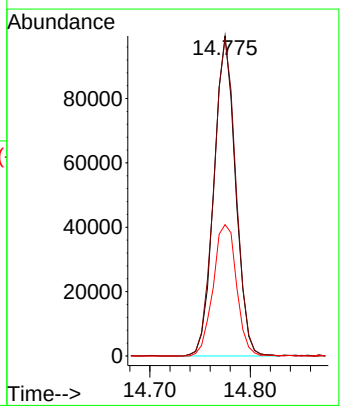


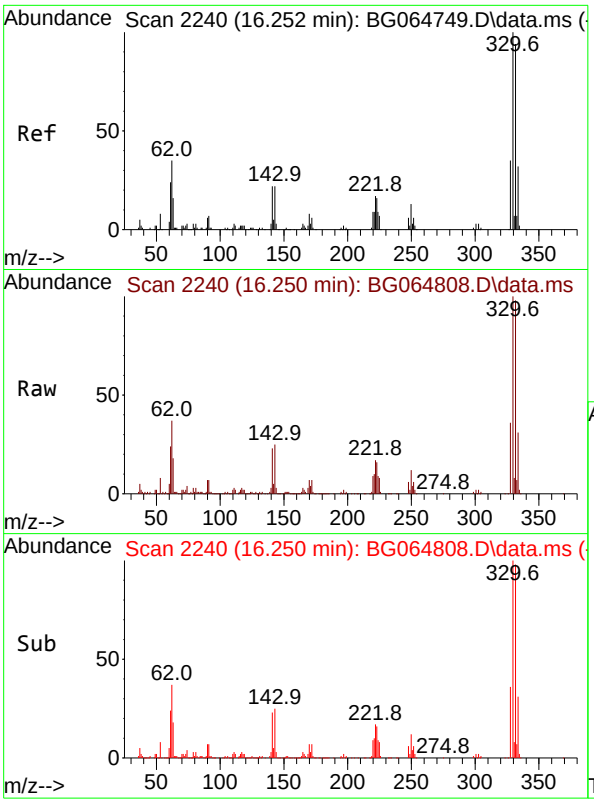


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.775 min Scan# 1989
Delta R.T. -0.002 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Tgt Ion:164 Resp: 147851

Ion	Ratio	Lower	Upper
164	100		
162	99.1	79.8	119.6
160	41.0	34.9	52.3



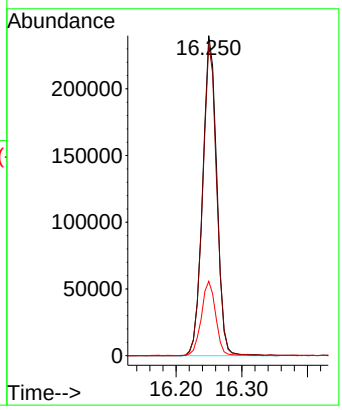


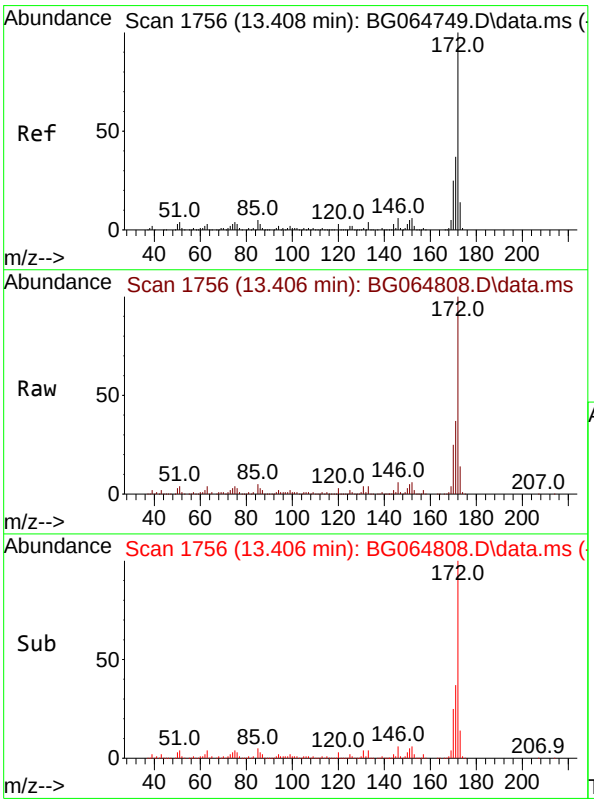
#42
2,4,6-Tribromophenol
Concen: 124.383 ng
RT: 16.250 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-M21012

Tgt Ion:330 Resp: 358664

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	23.5	18.2	27.2

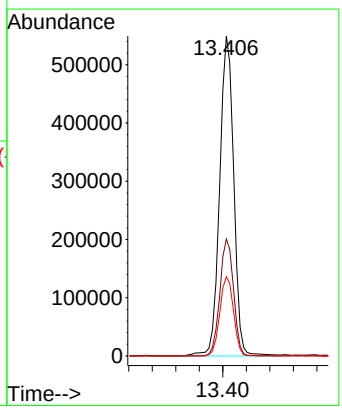


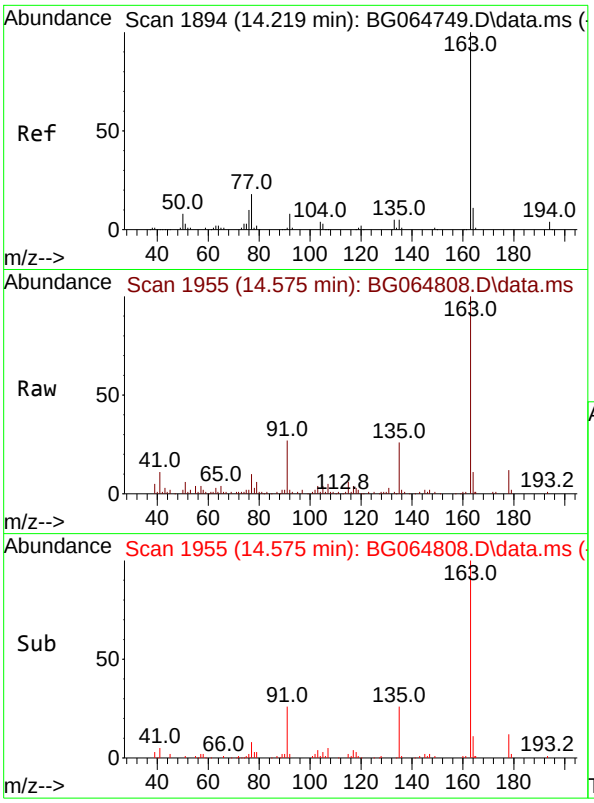


#45
2-Fluorobiphenyl
Concen: 86.249 ng
RT: 13.406 min Scan# 1756
Delta R.T. -0.002 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Tgt Ion:172 Resp: 913894

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	24.7	19.8	29.6



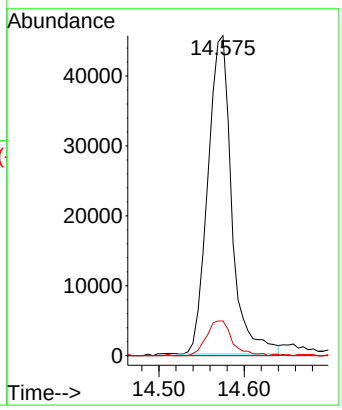


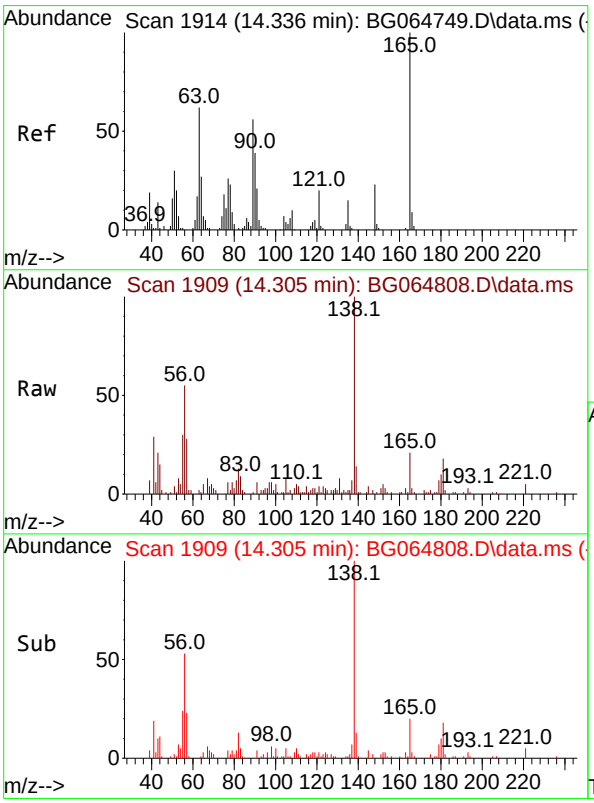
#50
Dimethylphthalate
Concen: 7.577 ng
RT: 14.575 min Scan# 1
Delta R.T. 0.356 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-M21012

Tgt Ion:163 Resp: 88493

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.1	4.7#
164	11.7	8.6	12.8

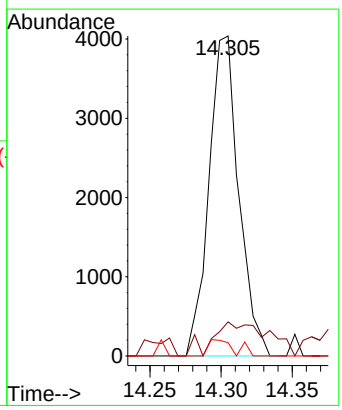


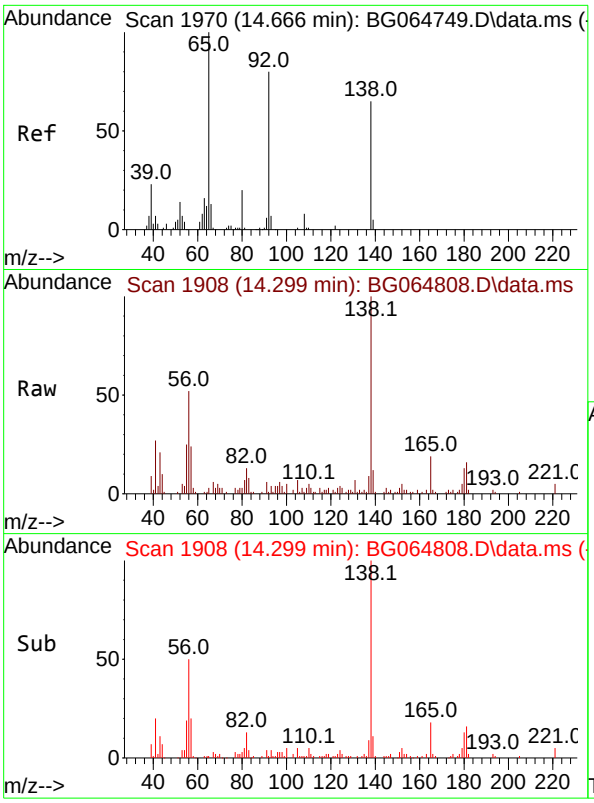


#51
2,6-Dinitrotoluene
Concen: 2.621 ng
RT: 14.305 min Scan# 1909
Delta R.T. -0.032 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Tgt Ion:165 Resp: 5890

Ion	Ratio	Lower	Upper
165	100		
63	10.6	49.8	74.8#
89	4.2	45.0	67.4#



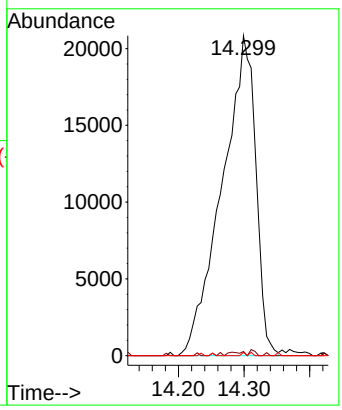


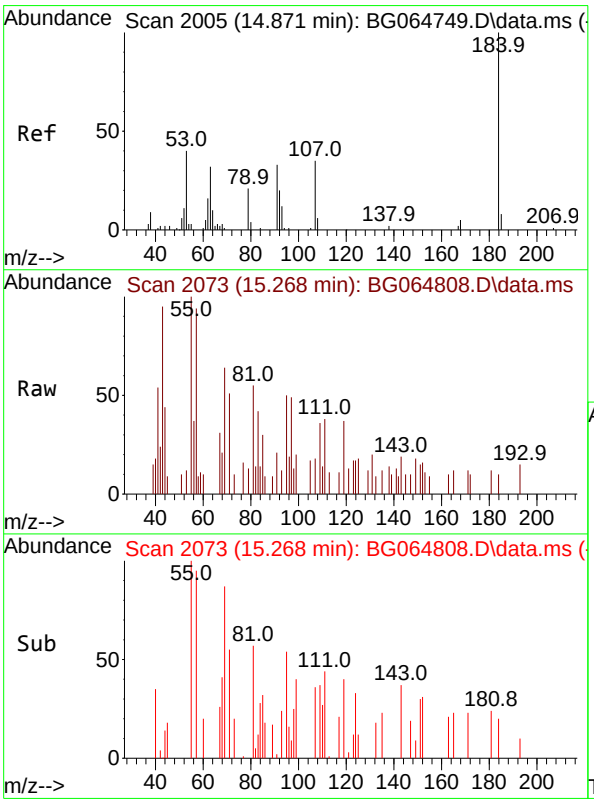
#53
3-Nitroaniline
Concen: 33.500 ng
RT: 14.299 min Scan# 1
Delta R.T. -0.367 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-M21012

Tgt Ion:138 Resp: 74307

Ion	Ratio	Lower	Upper
138	100		
108	1.3	9.5	14.3#
92	1.1	99.0	148.4#

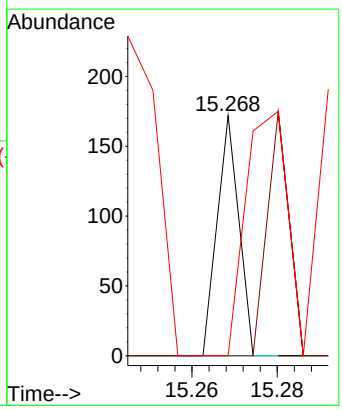


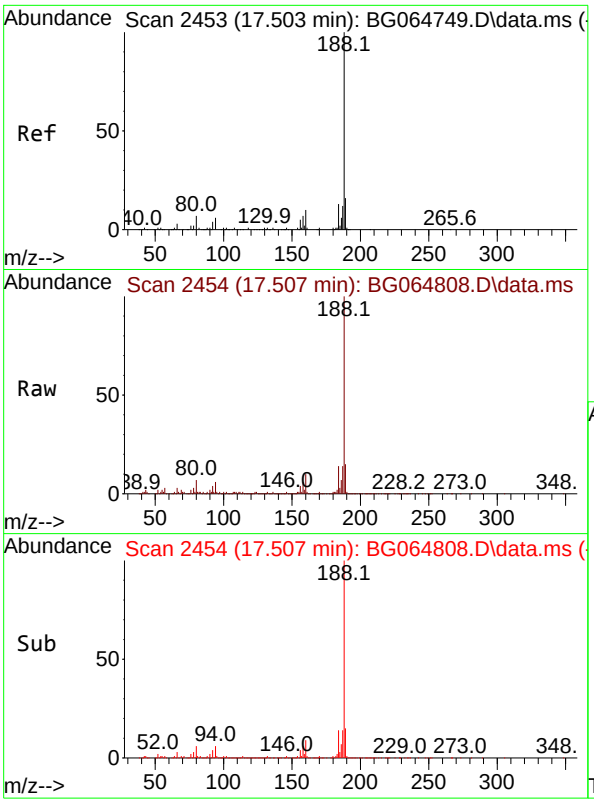


#54
2,4-Dinitrophenol
Concen: 8.619 ng
RT: 15.268 min Scan# 2073
Delta R.T. 0.397 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Tgt Ion:184 Resp: 61

Ion	Ratio	Lower	Upper
184	100		
63	0.0	45.8	68.6#
154	0.0	52.6	78.8#



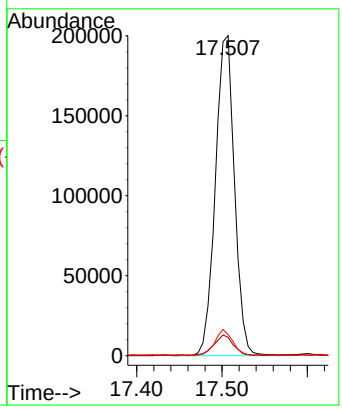


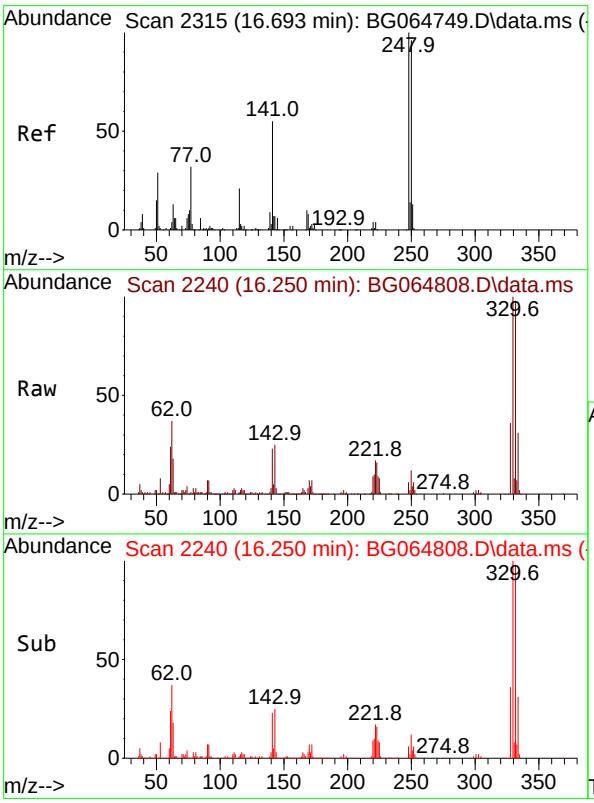
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.507 min Scan# 24
Delta R.T. 0.004 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-M21012

Tgt Ion:188 Resp: 311465

Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.7	7.1
80	6.6	5.4	8.2

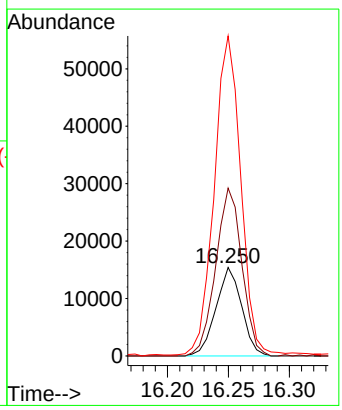


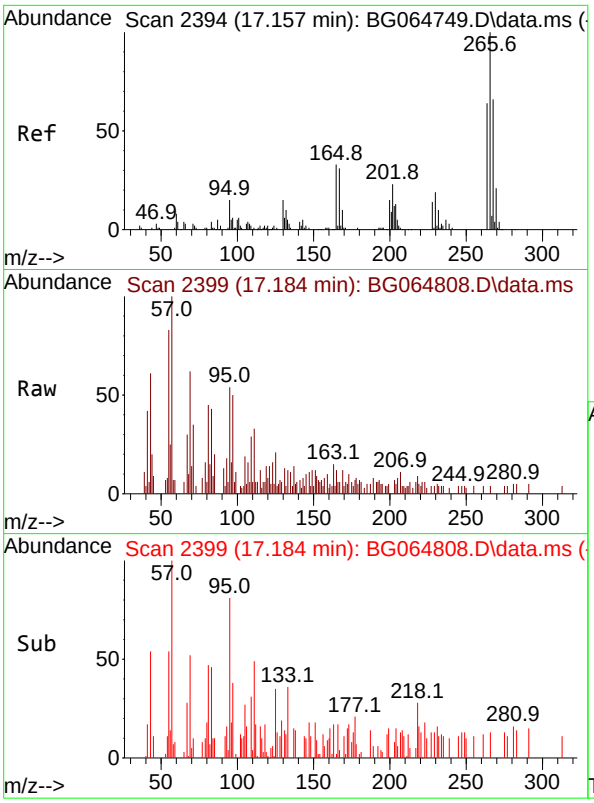


#67
4-Bromophenyl-phenylether
Concen: 5.525 ng
RT: 16.250 min Scan# 2240
Delta R.T. -0.443 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Tgt Ion:248 Resp: 22598

Ion	Ratio	Lower	Upper
248	100		
250	254.1	77.0	115.6#
141	361.8	43.7	65.5#



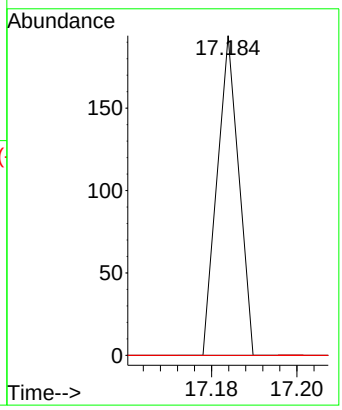


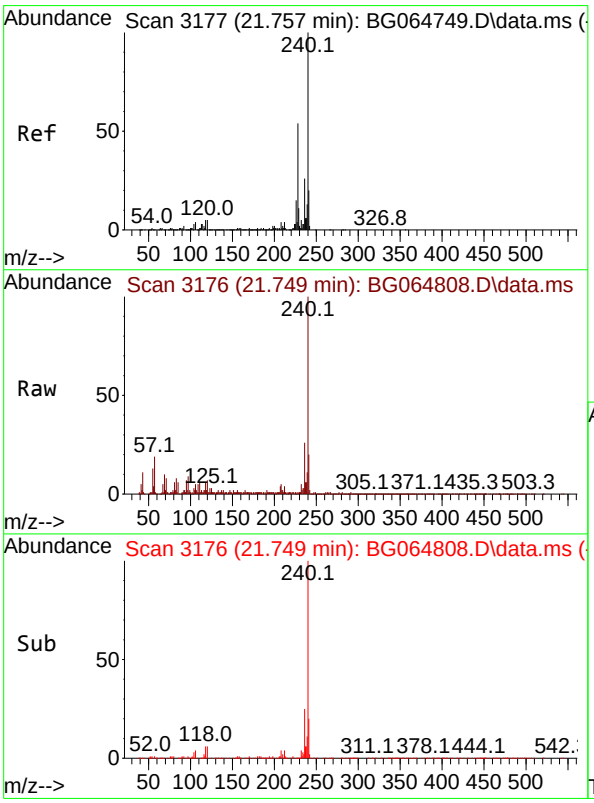
#70
Pentachlorophenol
Concen: 6.164 ng
RT: 17.184 min Scan# 2
Delta R.T. 0.027 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-M21012

Tgt Ion:266 Resp: 68

Ion	Ratio	Lower	Upper
266	100		
268	0.0	56.1	84.1#
264	0.0	51.2	76.8#

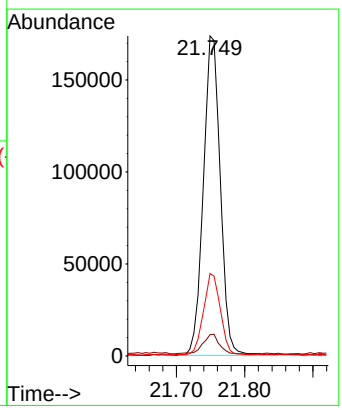


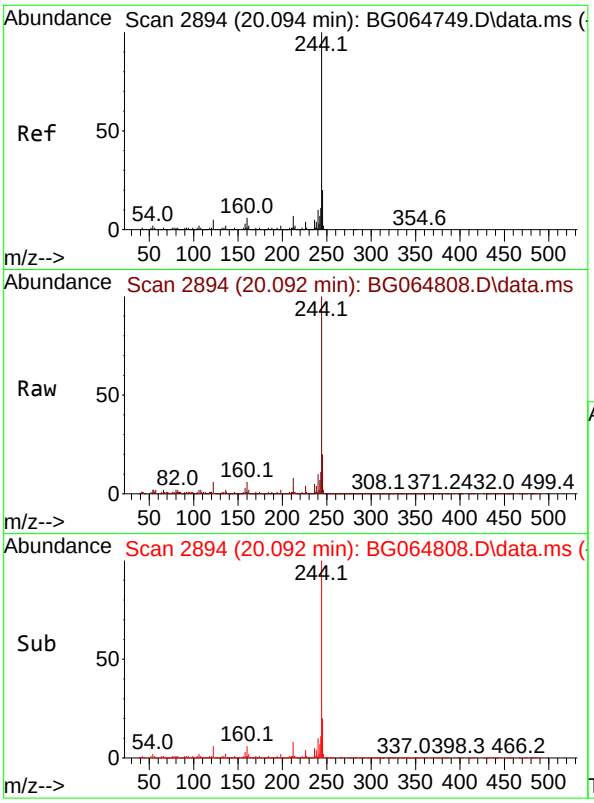


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.749 min Scan# 3176
Delta R.T. -0.008 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Tgt Ion:240 Resp: 300385

Ion	Ratio	Lower	Upper
240	100		
120	6.7	4.2	6.4#
236	25.8	20.8	31.2



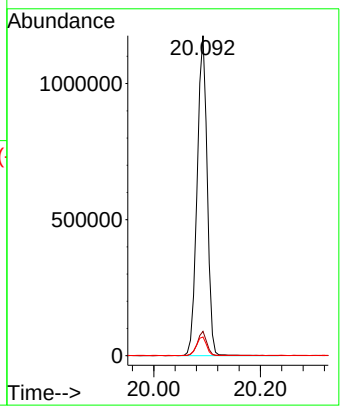


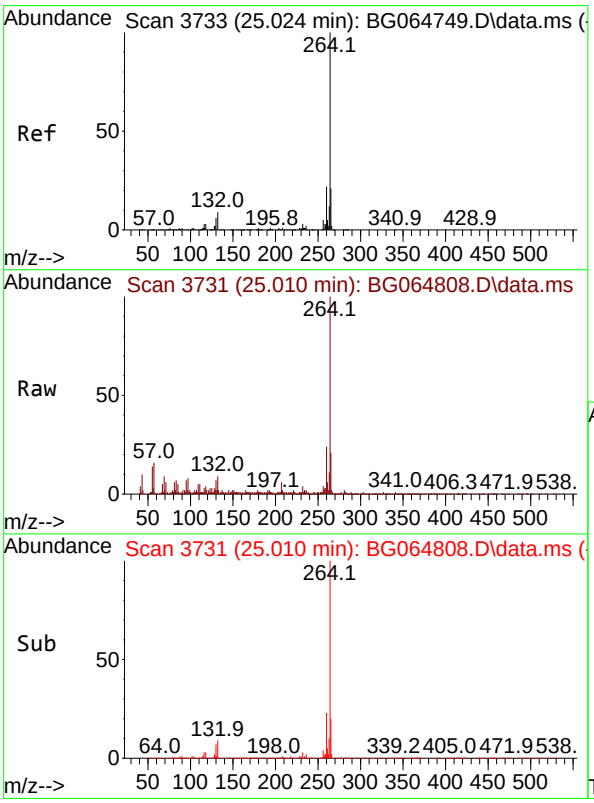
#79
Terphenyl-d14
Concen: 100.710 ng
RT: 20.092 min Scan# 2
Delta R.T. -0.002 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-M21012

Tgt Ion:244 Resp: 1537894

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	5.9	4.3	6.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.010 min Scan# 3731
Delta R.T. -0.014 min
Lab File: BG064808.D
Acq: 18 Nov 2025 18:23

Tgt Ion:264 Resp: 339519

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.2	25.8
265	20.8	16.6	25.0