Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
Data File : BG064086.D
Acq On : 10 Mar 2025 18:26
Operator : RC/JU
Sample : Q1524-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Quant Time: Mar 11 01:20:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

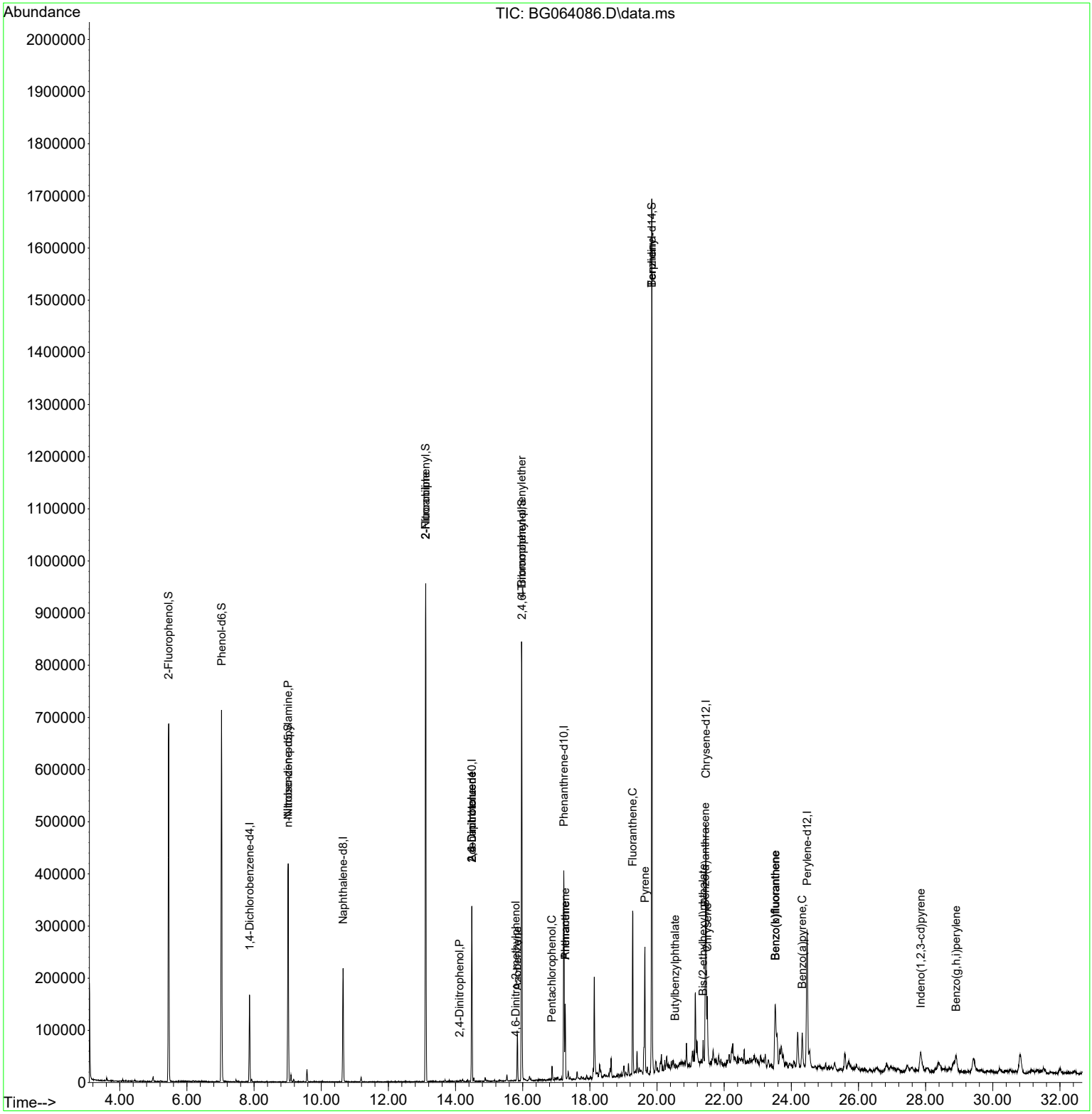
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.865	152	37538	20.000	ng		0.00
21) Naphthalene-d8	10.650	136	163384	20.000	ng		0.00
39) Acenaphthene-d10	14.486	164	110073	20.000	ng		0.00
64) Phenanthrene-d10	17.224	188	234725	20.000	ng		0.00
76) Chrysene-d12	21.455	240	238336	20.000	ng		0.00
86) Perylene-d12	24.469	264	253538	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.456	112	256673	106.767	ng		0.00
7) Phenol-d6	7.030	99	340223	104.029	ng		0.00
23) Nitrobenzene-d5	9.016	82	215444	72.870	ng		0.00
42) 2,4,6-Tribromophenol	15.973	330	140785	115.064	ng		0.00
45) 2-Fluorobiphenyl	13.112	172	477359	65.827	ng		0.00
79) Terphenyl-d14	19.845	244	775712	65.810	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	9.010	70	29856	13.008	ng	#	81
48) 2-Nitroaniline	13.112	65	1026	3.760	ng	#	1
51) 2,6-Dinitrotoluene	14.486	165	14776	11.694	ng	#	17
54) 2,4-Dinitrophenol	14.122	184	54	7.952	ng	#	15
57) 2,4-Dinitrotoluene	14.486	165	14776	9.649	ng	#	19
63) Azobenzene	15.844	77	24555	2.609	ng	#	1
65) 4,6-Dinitro-2-methylph...	15.791	198	62	8.230	ng	#	23
67) 4-Bromophenyl-phenylether	15.967	248	10090	4.197	ng	#	1
70) Pentachlorophenol	16.872	266	3735	2.235	ng	#	87
71) Phenanthrene	17.265	178	81716	6.527	ng		98
72) Anthracene	17.265	178	81716	6.564	ng		95
75) Fluoranthene	19.275	202	189314	12.543	ng		99
77) Benzidine	19.845	184	14476	4.386	ng	#	92
78) Pyrene	19.639	202	148782	9.684	ng		97
80) Butylbenzylphthalate	20.538	149	1212	3.832	ng	#	50
81) Benzo(a)anthracene	21.437	228	65995	4.323	ng		97
83) Chrysene	21.496	228	88463	5.810	ng		98
84) Bis(2-ethylhexyl)phtha...	21.372	149	16557	2.005	ng		91
87) Indeno(1,2,3-cd)pyrene	27.853	276	56437	3.327	ng	#	93
88) Benzo(b)fluoranthene	23.523	252	131728	8.594	ng	#	94
89) Benzo(k)fluoranthene	23.523	252	131728	8.567	ng		94
90) Benzo(a)pyrene	24.328	252	64110	4.697	ng		96
92) Benzo(g,h,i)perylene	28.911	276	52811	3.657	ng		95

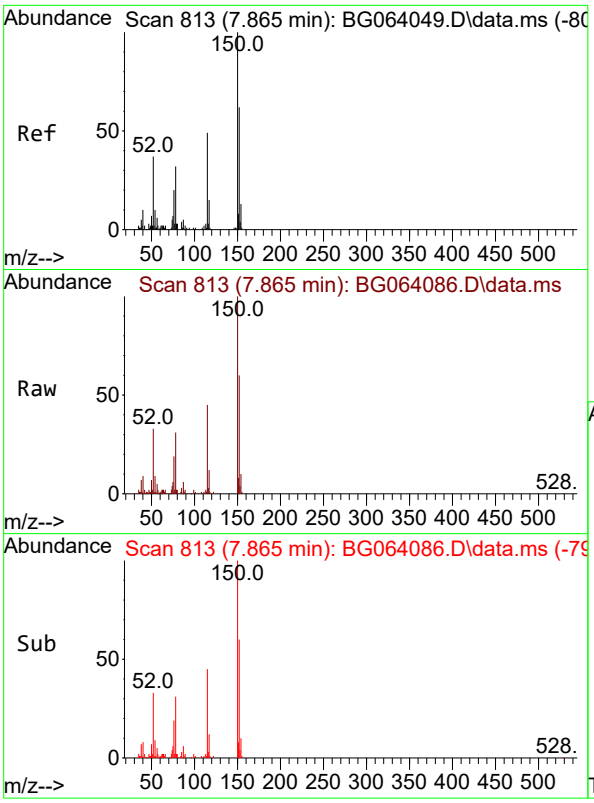
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
Data File : BG064086.D
Acq On : 10 Mar 2025 18:26
Operator : RC/JU
Sample : Q1524-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Quant Time: Mar 11 01:20:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration



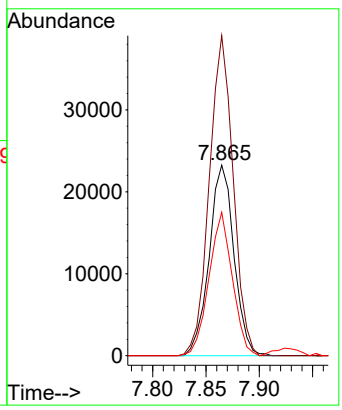


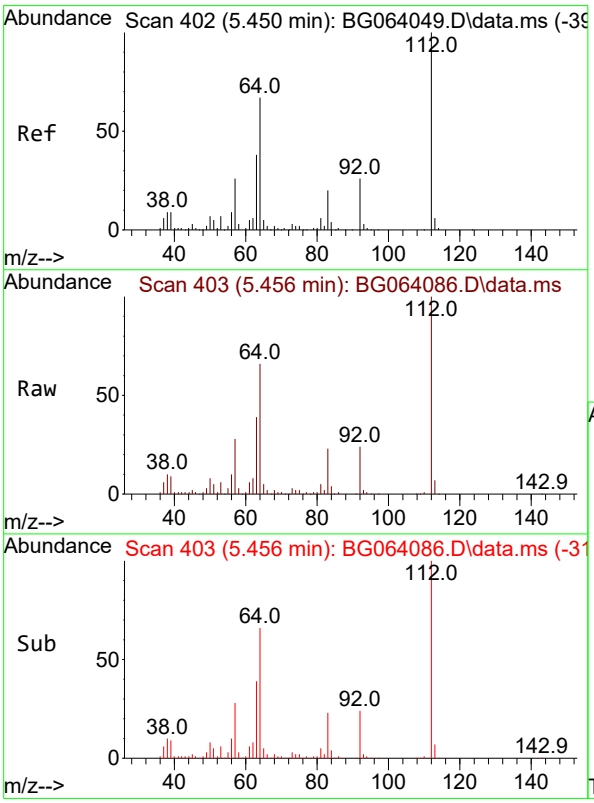
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.865 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:152 Resp: 37538

Ion	Ratio	Lower	Upper
152	100		
150	167.9	129.2	193.8
115	75.2	63.0	94.6

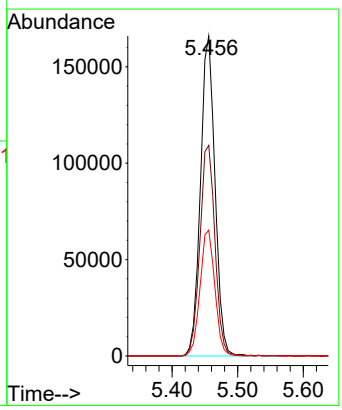


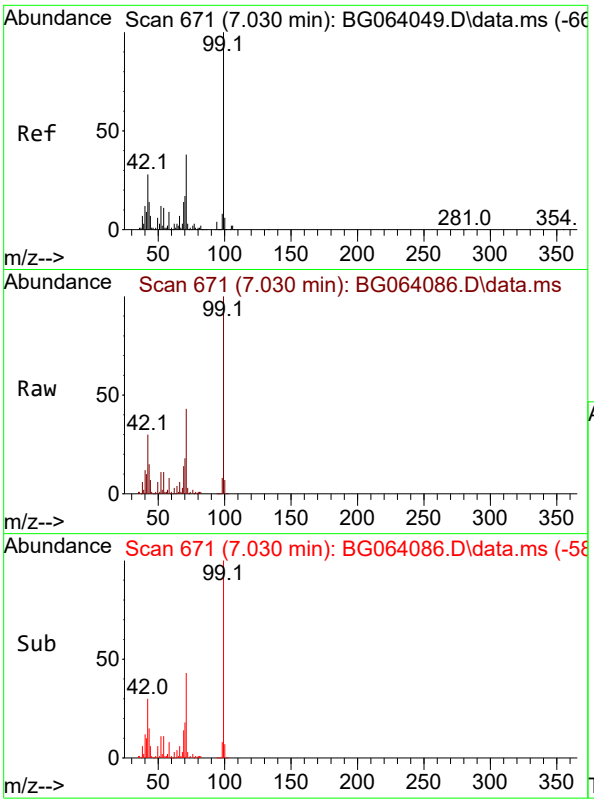


#5
2-Fluorophenol
Concen: 106.767 ng
RT: 5.456 min Scan# 403
Delta R.T. 0.006 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Tgt Ion:112 Resp: 256673

Ion	Ratio	Lower	Upper
112	100		
64	65.8	53.7	80.5
63	39.4	30.2	45.4



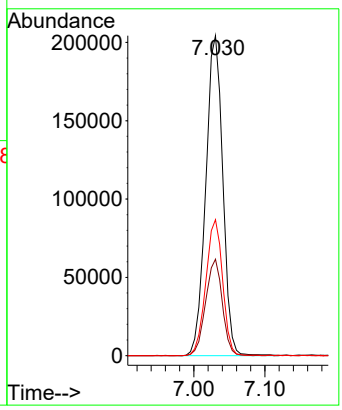


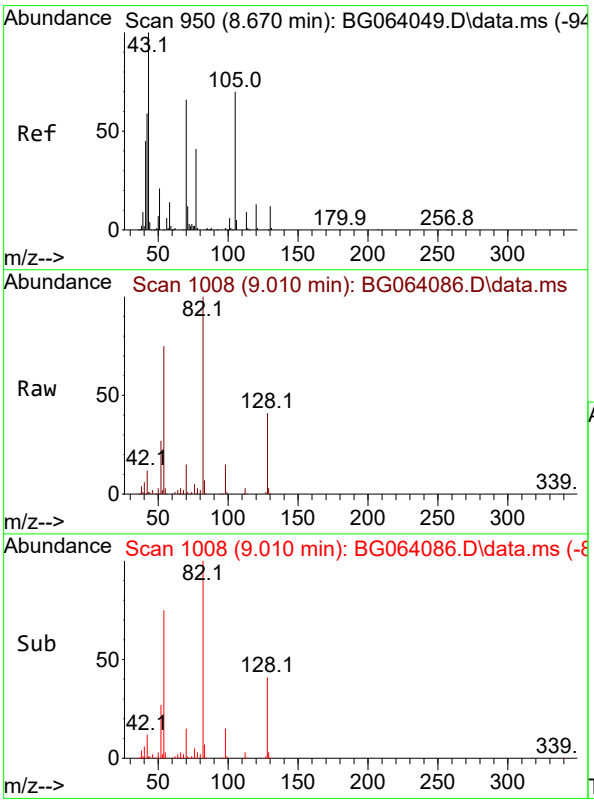
#7
Phenol-d6
Concen: 104.029 ng
RT: 7.030 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion: 99 Resp: 340223

Ion	Ratio	Lower	Upper
99	100		
42	30.1	22.7	34.1
71	42.5	30.6	46.0

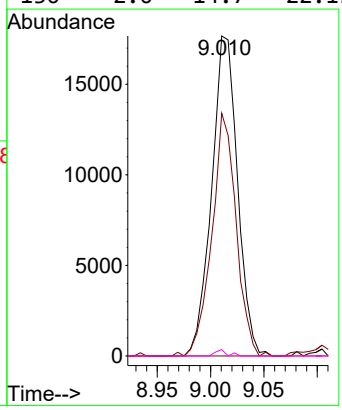


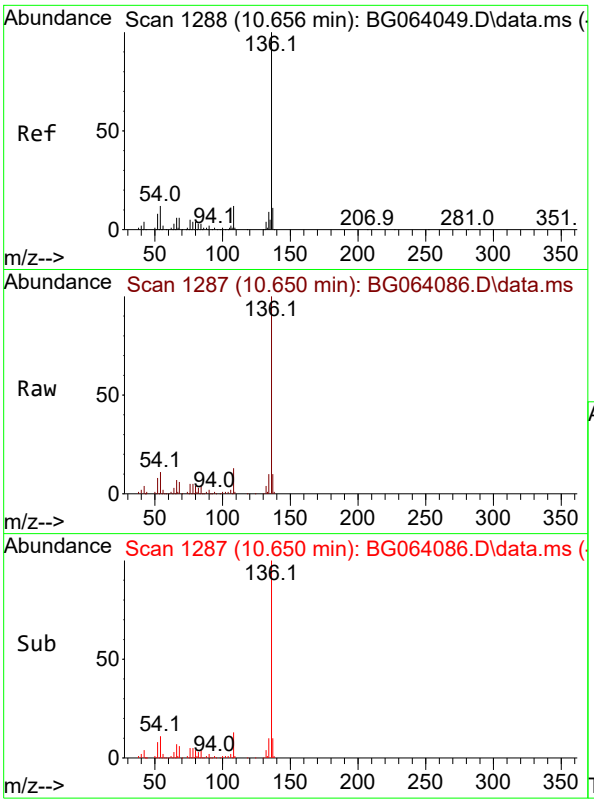


#19
n-Nitroso-di-n-propylamine
Concen: 13.008 ng
RT: 9.010 min Scan# 1008
Delta R.T. 0.341 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Tgt Ion: 70 Resp: 29856

Ion	Ratio	Lower	Upper
70	100		
42	75.8	72.1	108.1
101	0.0	7.2	10.8#
130	2.0	14.7	22.1#



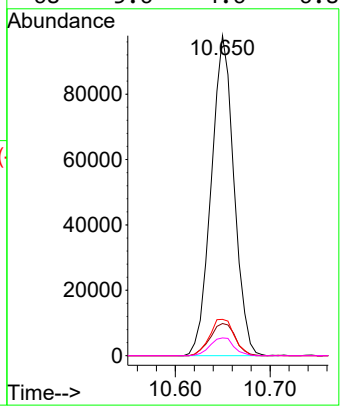


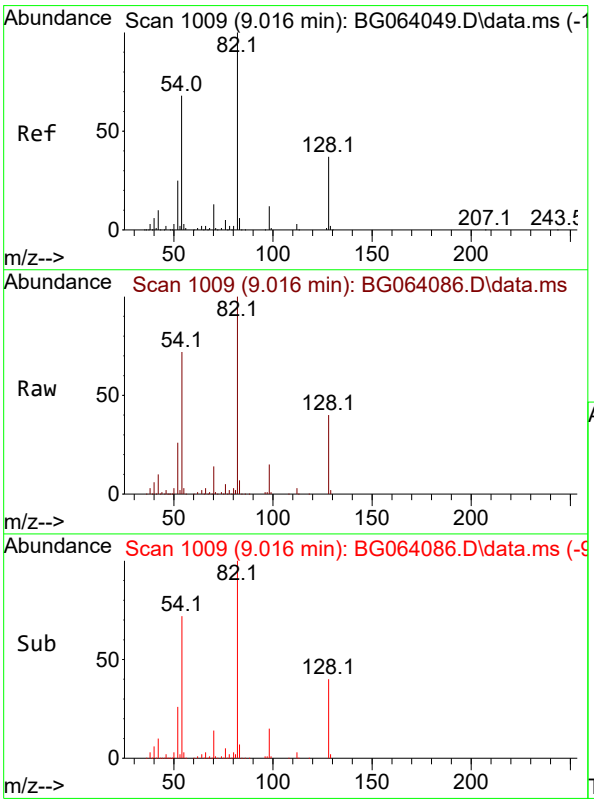
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.650 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:136 Resp: 163384

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.5	12.7
54	11.3	9.9	14.9
68	5.6	4.6	6.8

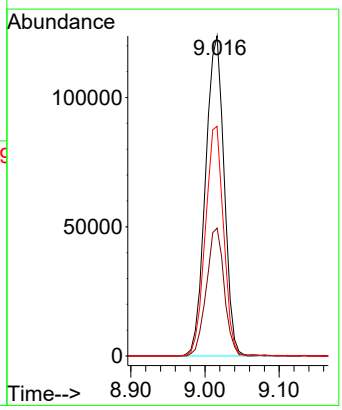


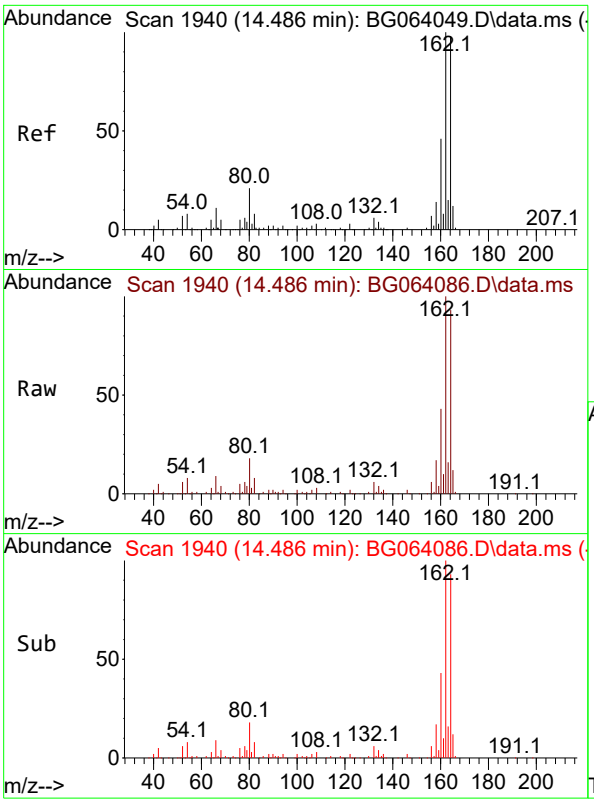


#23
Nitrobenzene-d5
Concen: 72.870 ng
RT: 9.016 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Tgt Ion: 82 Resp: 215444

Ion	Ratio	Lower	Upper
82	100		
128	40.0	30.0	45.0
54	71.8	54.7	82.1



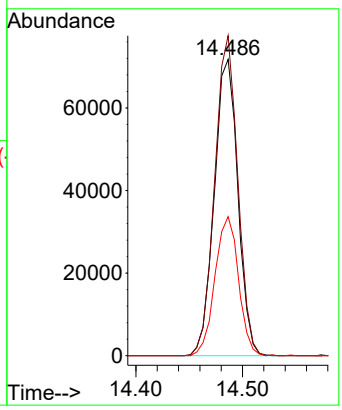


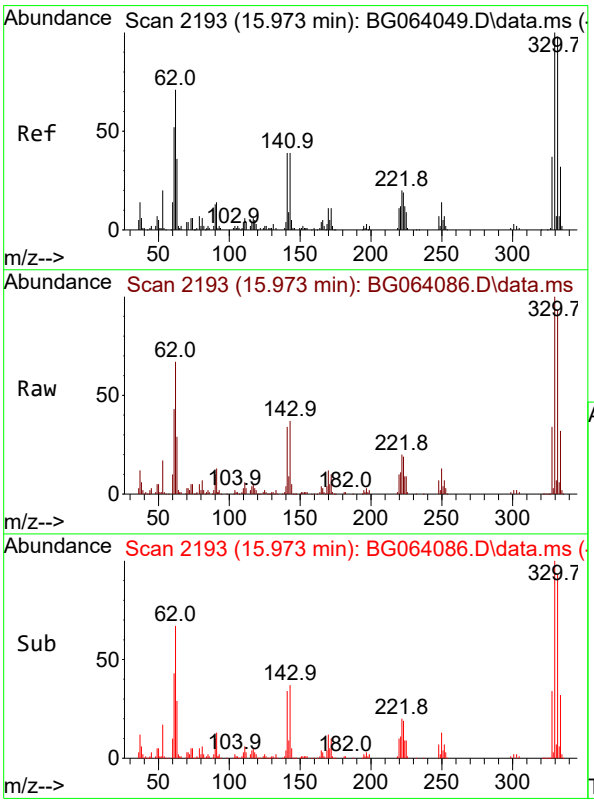
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:164 Resp: 110073

Ion	Ratio	Lower	Upper
164	100		
162	108.0	81.4	122.0
160	46.9	37.0	55.6

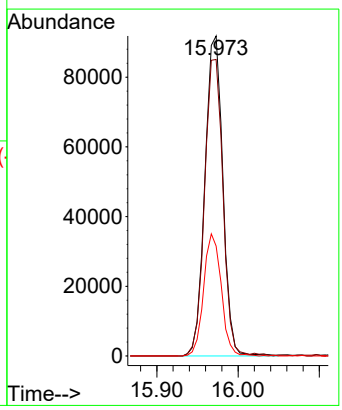


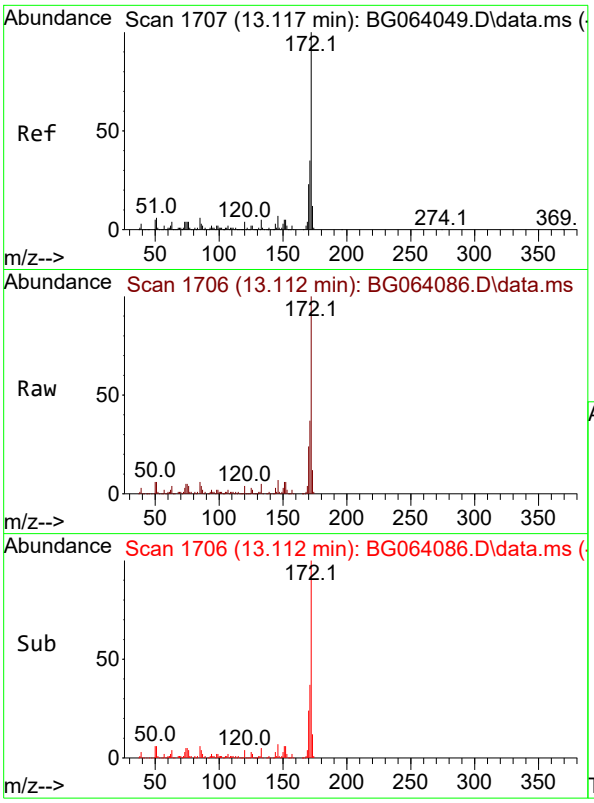


#42
2,4,6-Tribromophenol
Concen: 115.064 ng
RT: 15.973 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Tgt Ion:330 Resp: 140785

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.7	115.1
141	37.4	29.7	44.5



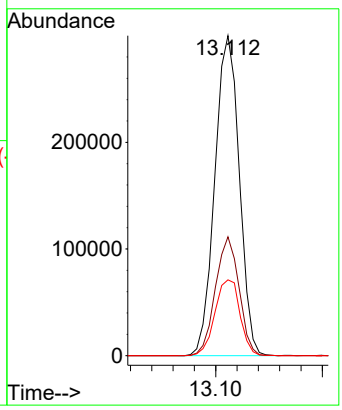


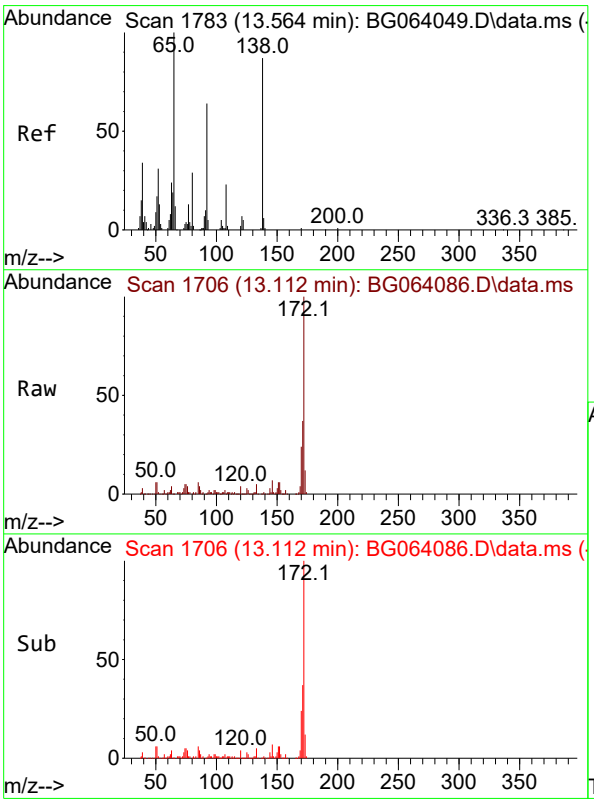
#45
2-Fluorobiphenyl
Concen: 65.827 ng
RT: 13.112 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:172 Resp: 477359

Ion	Ratio	Lower	Upper
172	100		
171	37.2	28.0	42.0
170	23.7	18.7	28.1

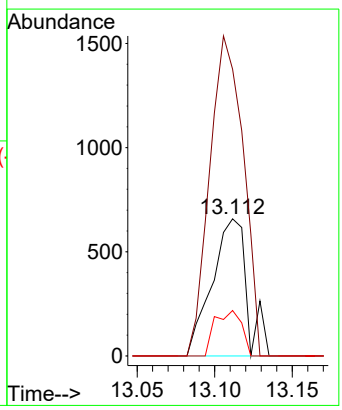


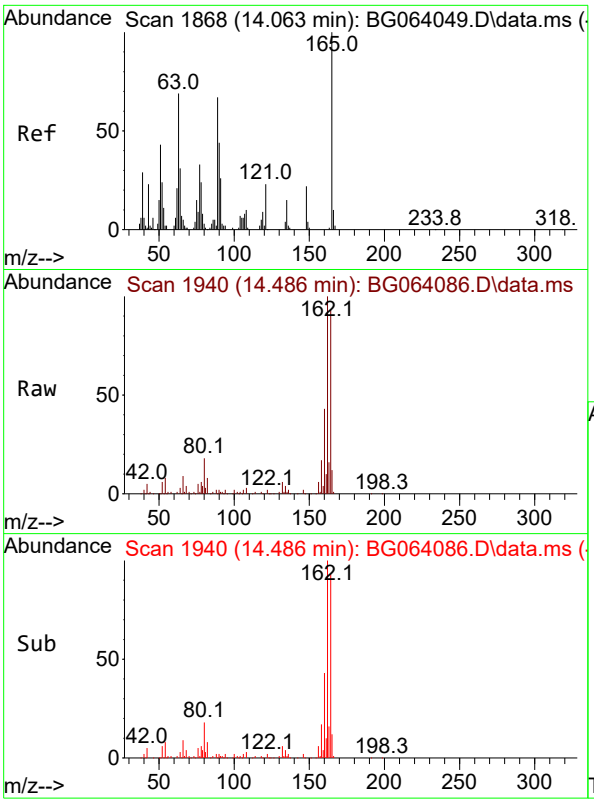


#48
2-Nitroaniline
Concen: 3.760 ng
RT: 13.112 min Scan# 1706
Delta R.T. -0.452 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Tgt Ion: 65 Resp: 1026

Ion	Ratio	Lower	Upper
65	100		
92	209.1	51.2	76.8#
138	33.1	69.4	104.2#



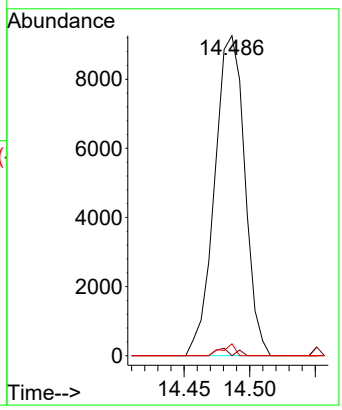


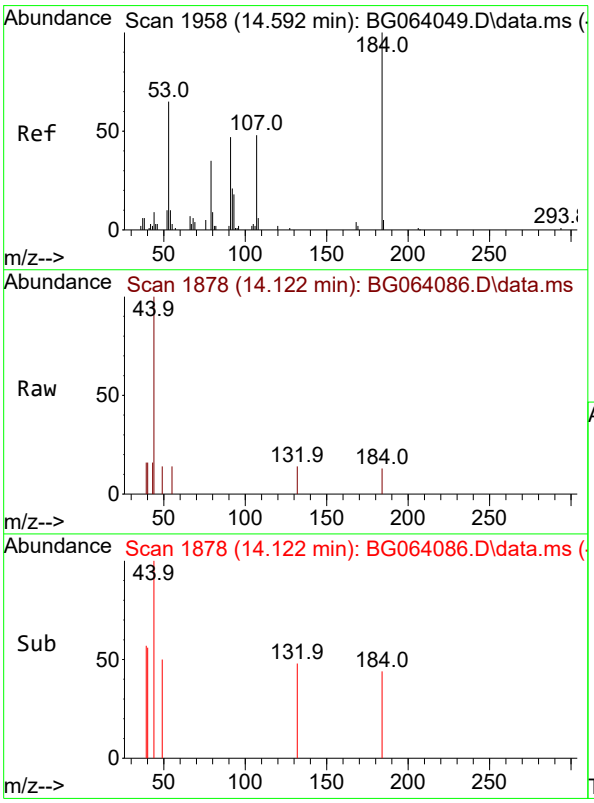
#51
2,6-Dinitrotoluene
Concen: 11.694 ng
RT: 14.486 min Scan# 1
Delta R.T. 0.423 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:165 Resp: 14776

Ion	Ratio	Lower	Upper
165	100		
63	0.0	56.7	85.1#
89	3.7	53.7	80.5#

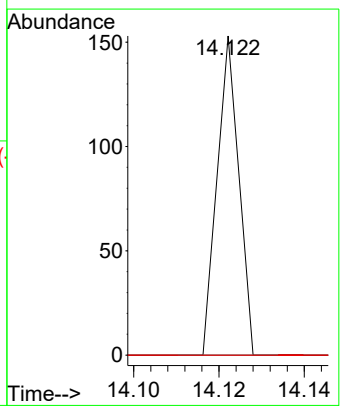


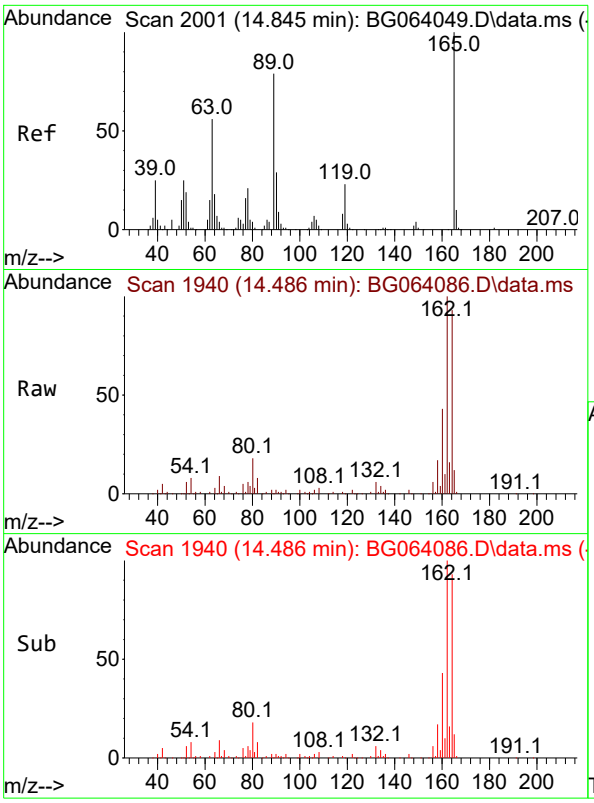


#54
2,4-Dinitrophenol
Concen: 7.952 ng
RT: 14.122 min Scan# 1878
Delta R.T. -0.470 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Tgt Ion:184 Resp: 54

Ion	Ratio	Lower	Upper
184	100		
63	0.0	57.5	86.3#
154	0.0	52.3	78.5#



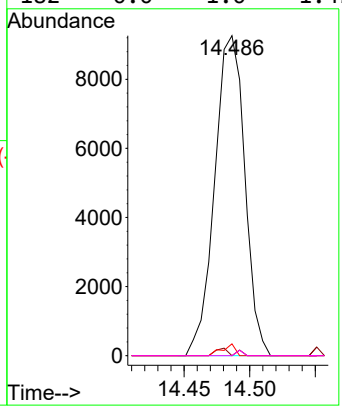


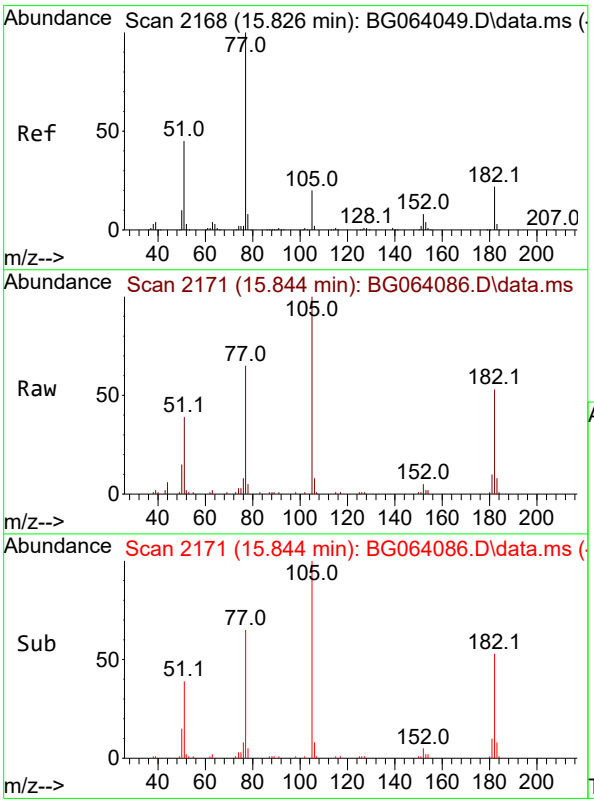
#57
2,4-Dinitrotoluene
Concen: 9.649 ng
RT: 14.486 min Scan# 1
Delta R.T. -0.359 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:165 Resp: 14776

Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.0	67.6#
89	3.7	63.1	94.7#
182	0.0	1.0	1.4#

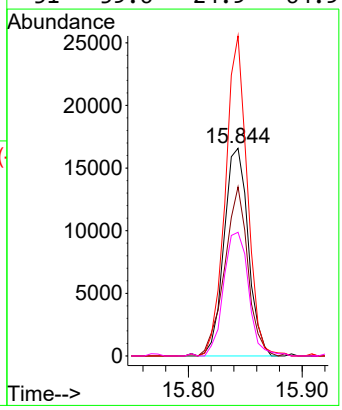


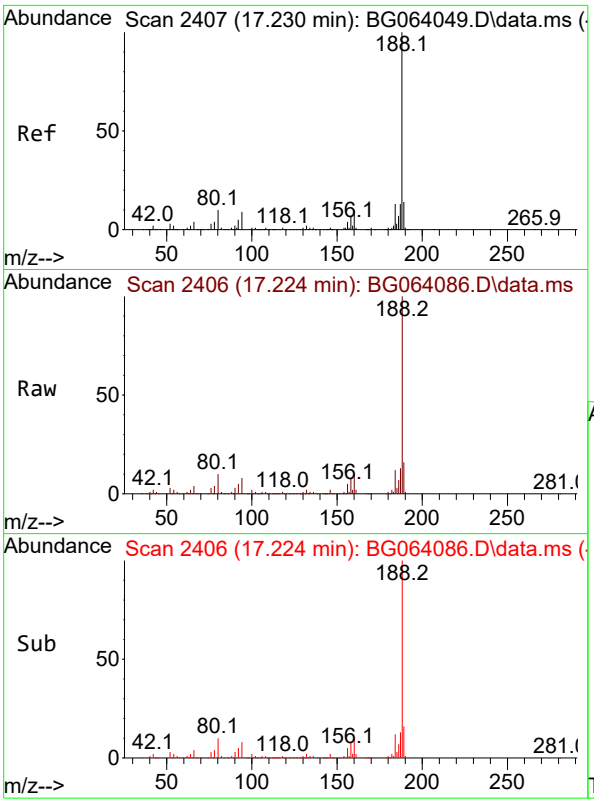


#63
Azobenzene
Concen: 2.609 ng
RT: 15.844 min Scan# 2171
Delta R.T. 0.018 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Tgt Ion: 77 Resp: 24555

Ion	Ratio	Lower	Upper
77	100		
182	81.4	2.4	42.4#
105	154.1	0.0	40.0#
51	59.6	24.9	64.9



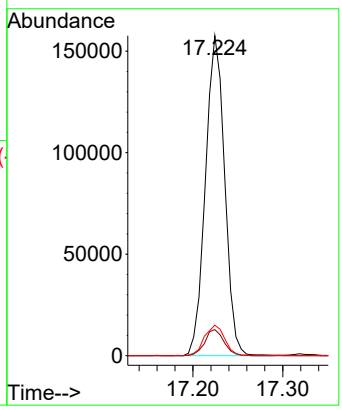


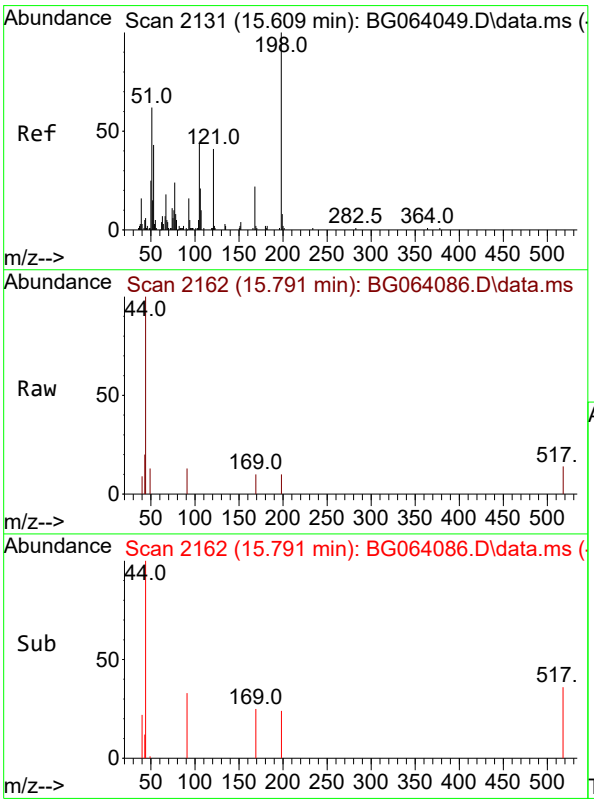
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:188 Resp: 234725

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	9.5	8.1	12.1

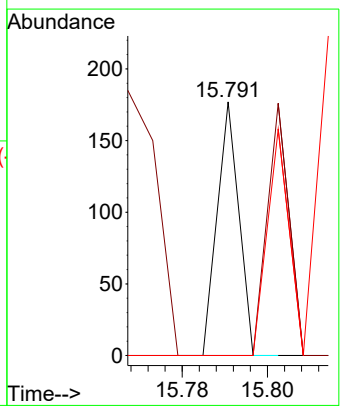


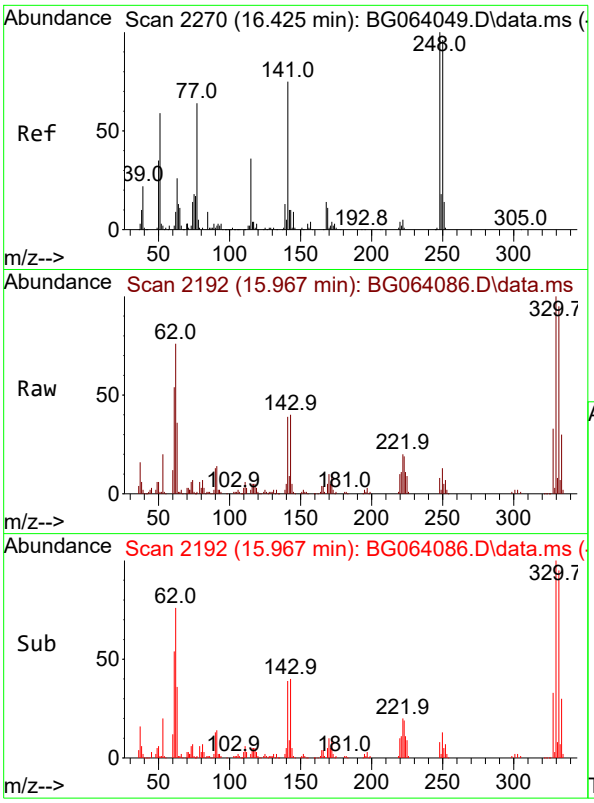


#65
4,6-Dinitro-2-methylphenol
Concen: 8.230 ng
RT: 15.791 min Scan# 2162
Delta R.T. 0.182 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Tgt Ion:198 Resp: 62

Ion	Ratio	Lower	Upper
198	100		
51	0.0	45.6	85.6#
105	0.0	25.3	65.3#



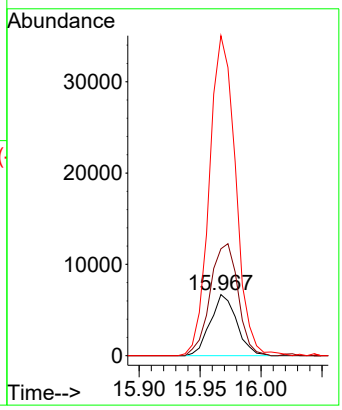


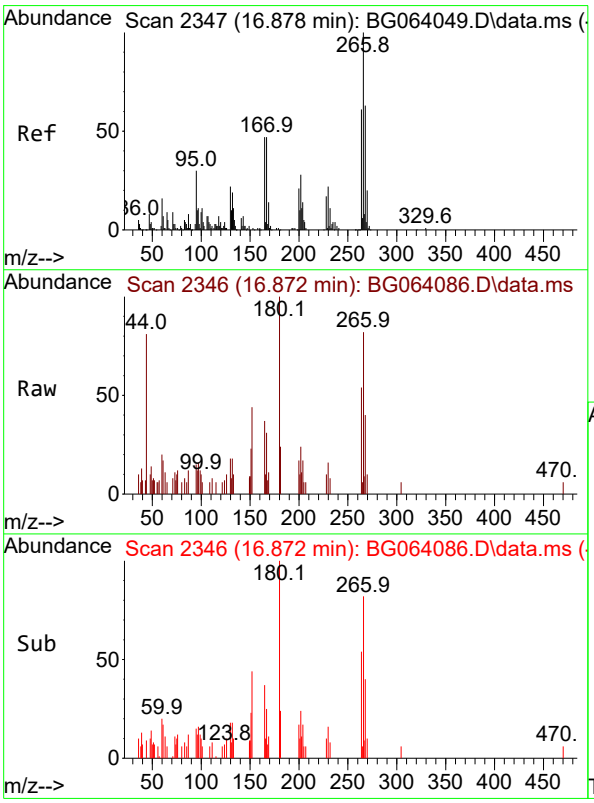
#67
4-Bromophenyl-phenylether
Concen: 4.197 ng
RT: 15.967 min Scan# 21
Delta R.T. -0.458 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:248 Resp: 10090

Ion	Ratio	Lower	Upper
248	100		
250	174.7	77.1	115.7#
141	523.2	59.8	89.8#

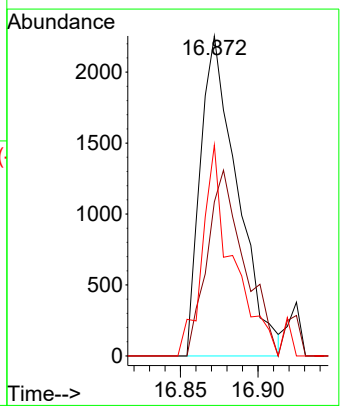


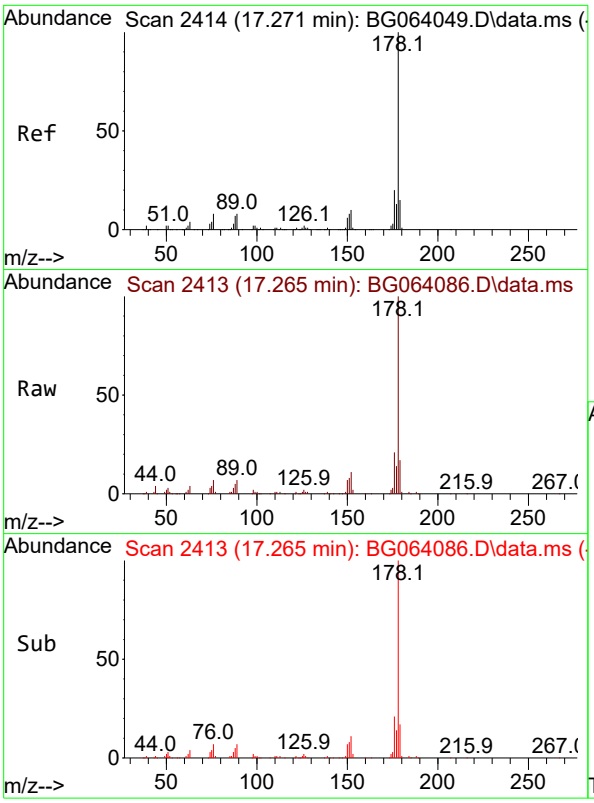


#70
Pentachlorophenol
Concen: 2.235 ng
RT: 16.872 min Scan# 2346
Delta R.T. -0.006 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Tgt Ion:266 Resp: 3735

Ion	Ratio	Lower	Upper
266	100		
268	48.2	50.2	75.4#
264	65.9	48.9	73.3



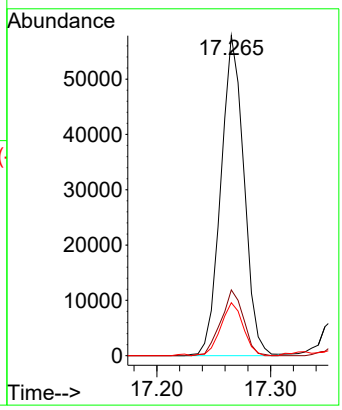


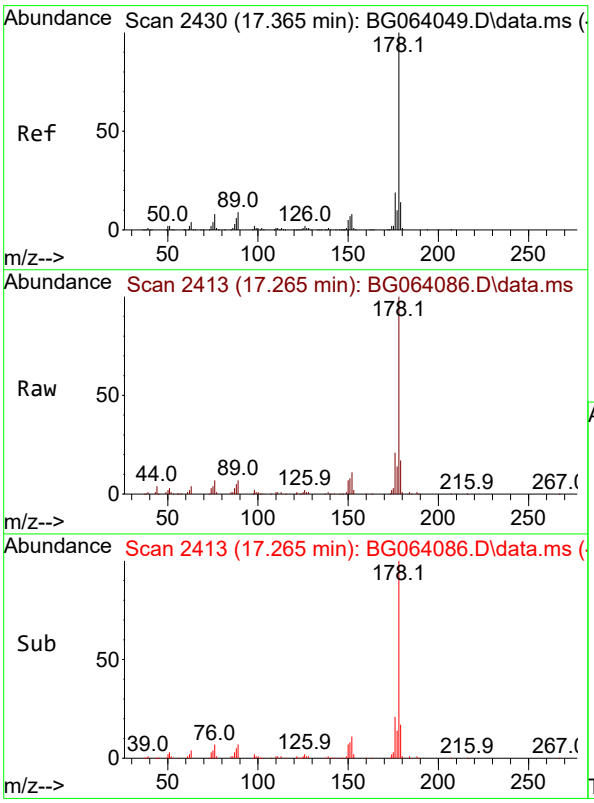
#71
Phenanthrene
Concen: 6.527 ng
RT: 17.265 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:178 Resp: 81716

Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.9	23.9
179	16.6	12.2	18.2

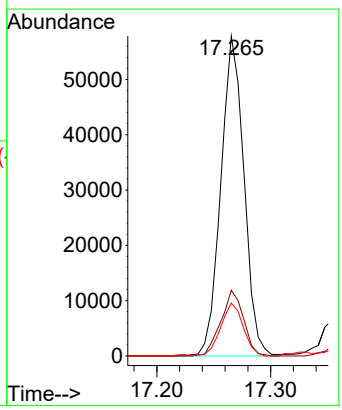


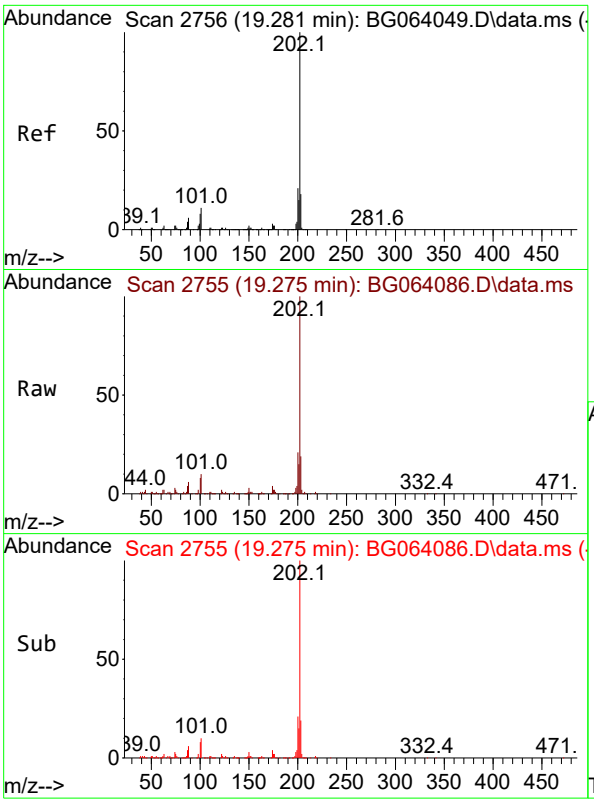


#72
Anthracene
Concen: 6.564 ng
RT: 17.265 min Scan# 2413
Delta R.T. -0.100 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Tgt Ion:178 Resp: 81716

Ion	Ratio	Lower	Upper
178	100		
176	20.6	14.8	22.2
179	16.6	11.5	17.3



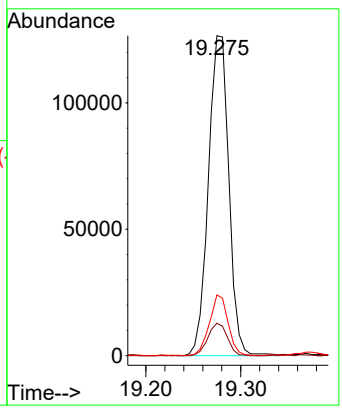


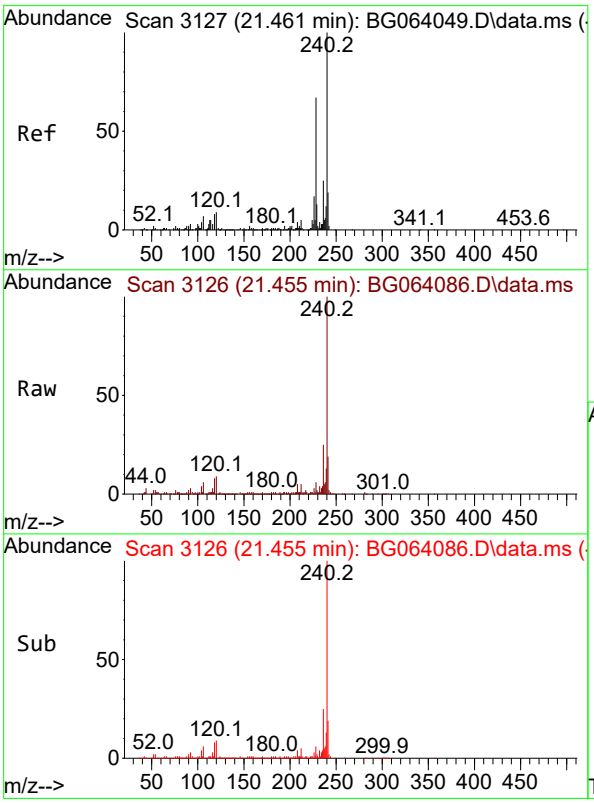
#75
Fluoranthene
Concen: 12.543 ng
RT: 19.275 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:202 Resp: 189314

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.5
203	19.0	0.0	38.3

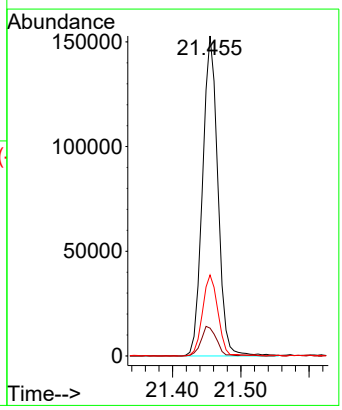


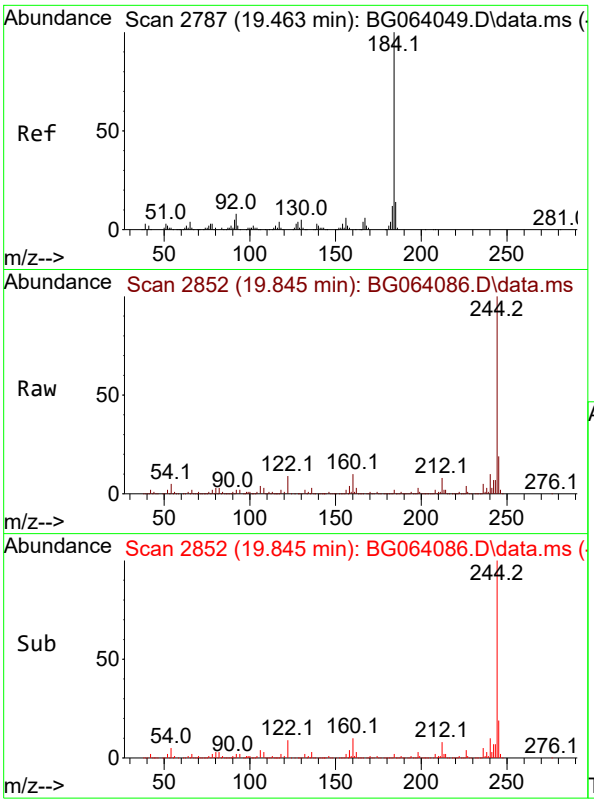


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.455 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Tgt Ion:240 Resp: 238336

Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.2	10.8
236	25.3	20.2	30.2



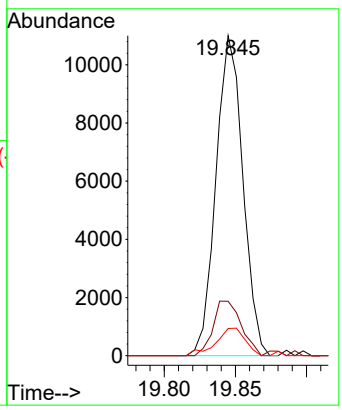


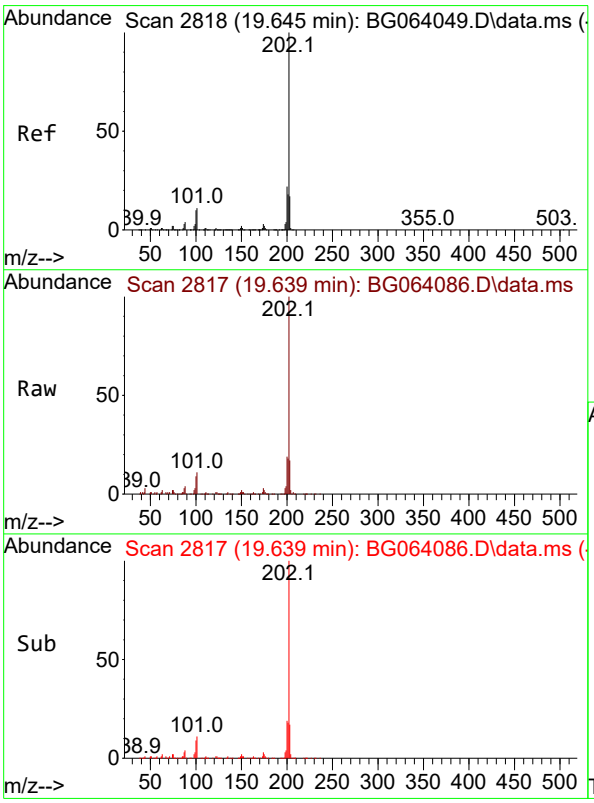
#77
Benzidine
Concen: 4.386 ng
RT: 19.845 min Scan# 2
Delta R.T. 0.382 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:184 Resp: 14476

Ion	Ratio	Lower	Upper
184	100		
185	17.0	11.3	16.9#
183	8.5	9.5	14.3#

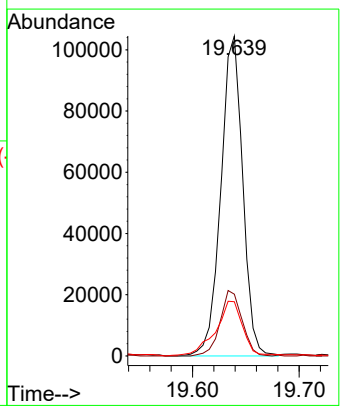


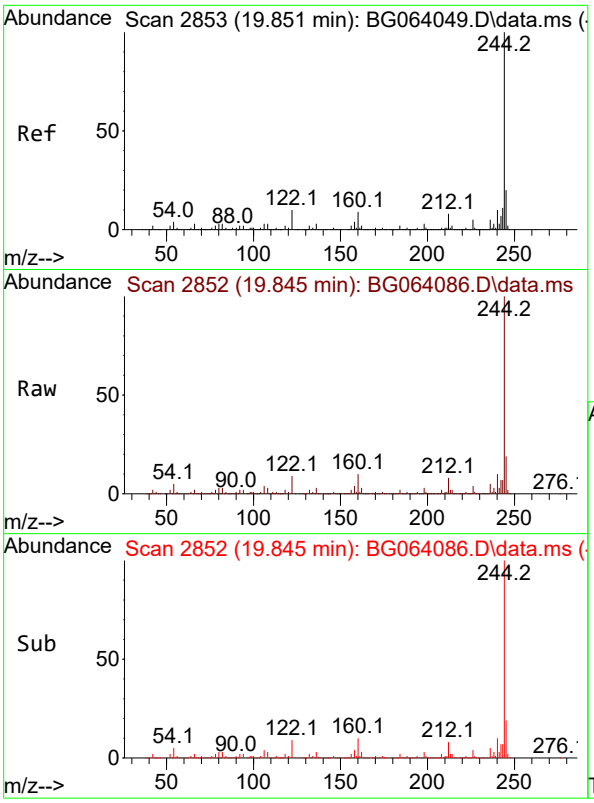


#78
Pyrene
Concen: 9.684 ng
RT: 19.639 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Tgt Ion:202 Resp: 148782

Ion	Ratio	Lower	Upper
202	100		
200	19.3	17.3	25.9
203	16.9	13.6	20.4



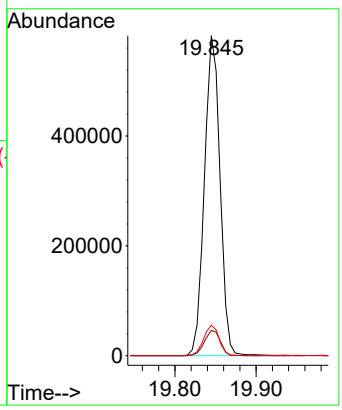


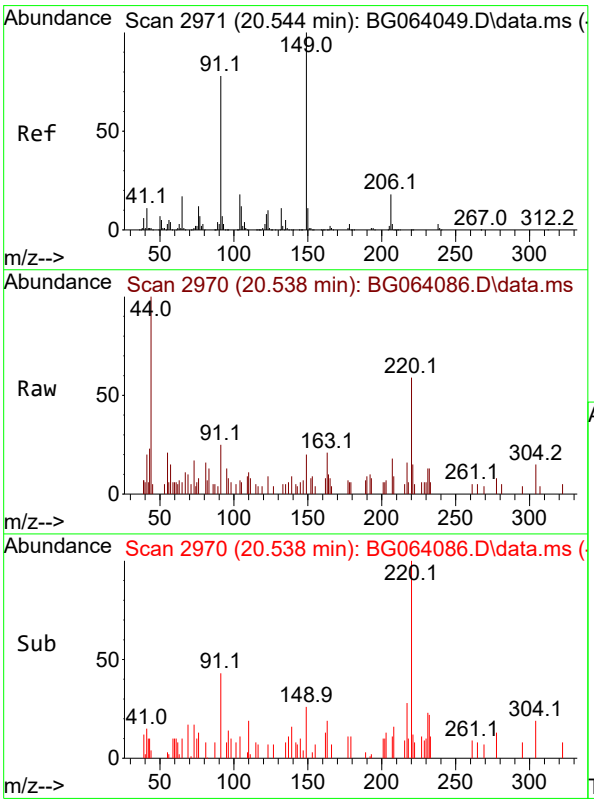
#79
Terphenyl-d14
Concen: 65.810 ng
RT: 19.845 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:244 Resp: 775712

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.4
122	9.5	8.0	12.0

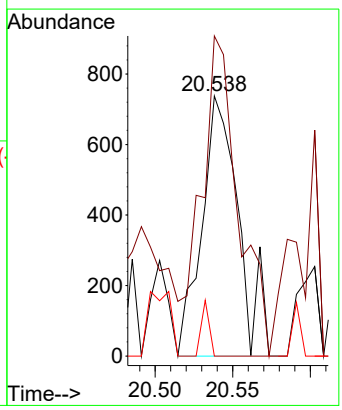


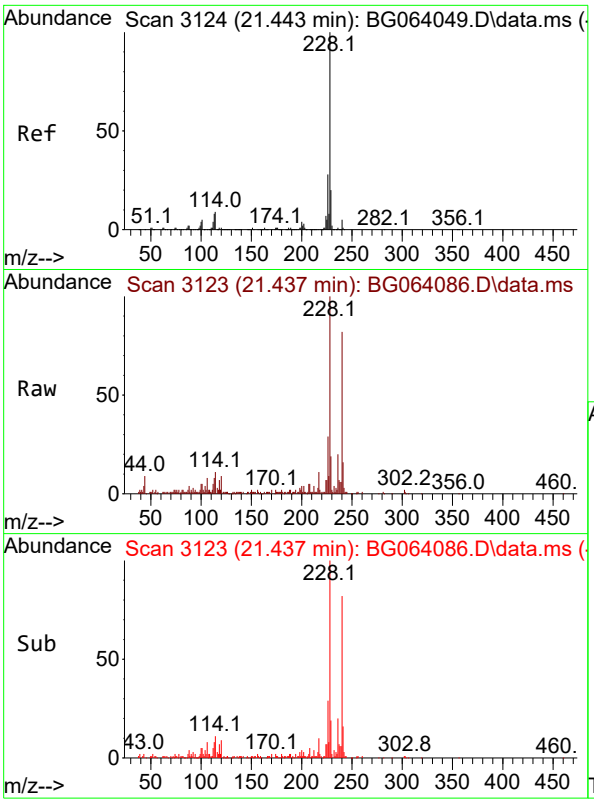


#80
Butylbenzylphthalate
Concen: 3.832 ng
RT: 20.538 min Scan# 2970
Delta R.T. -0.006 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Tgt Ion:149 Resp: 1212

Ion	Ratio	Lower	Upper
149	100		
91	123.0	62.0	93.0#
206	0.0	14.6	21.8#



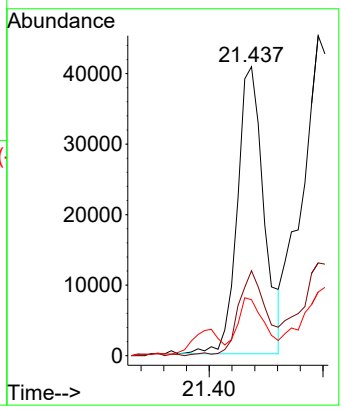


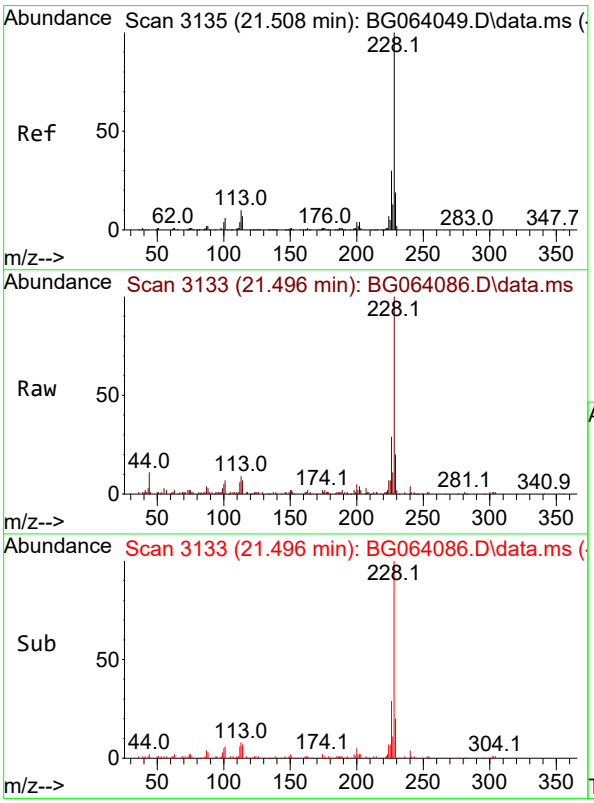
#81
Benzo(a)anthracene
Concen: 4.323 ng
RT: 21.437 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:228 Resp: 65995

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.2	33.2
229	19.4	16.4	24.6

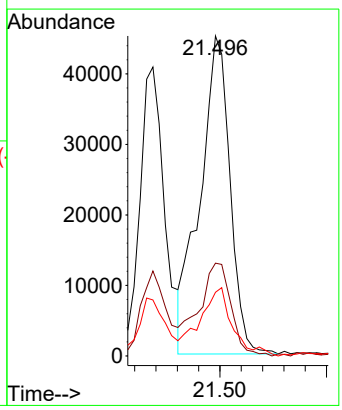


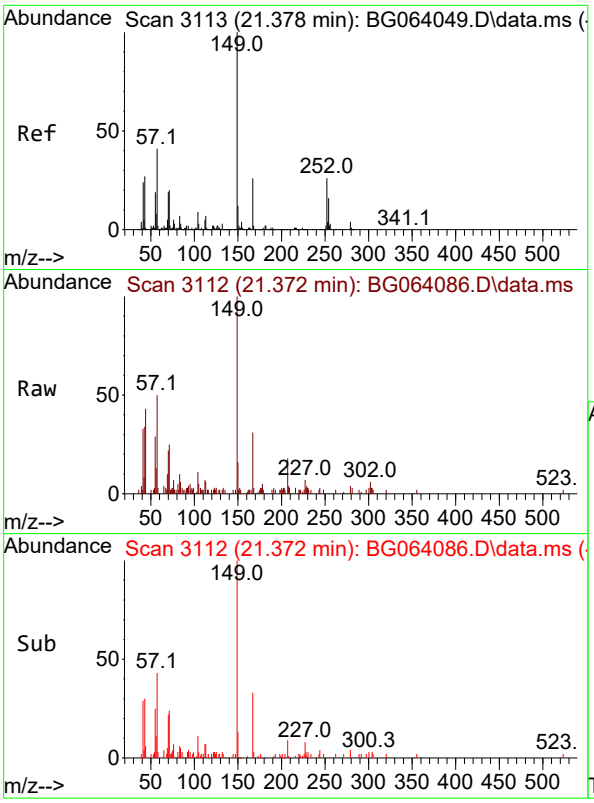


#83
Chrysene
Concen: 5.810 ng
RT: 21.496 min Scan# 3133
Delta R.T. -0.012 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Tgt Ion:228 Resp: 88463

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.9	35.9
229	19.9	15.3	22.9



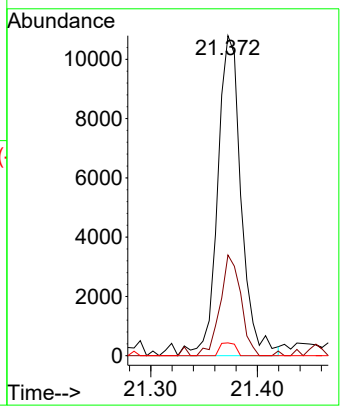


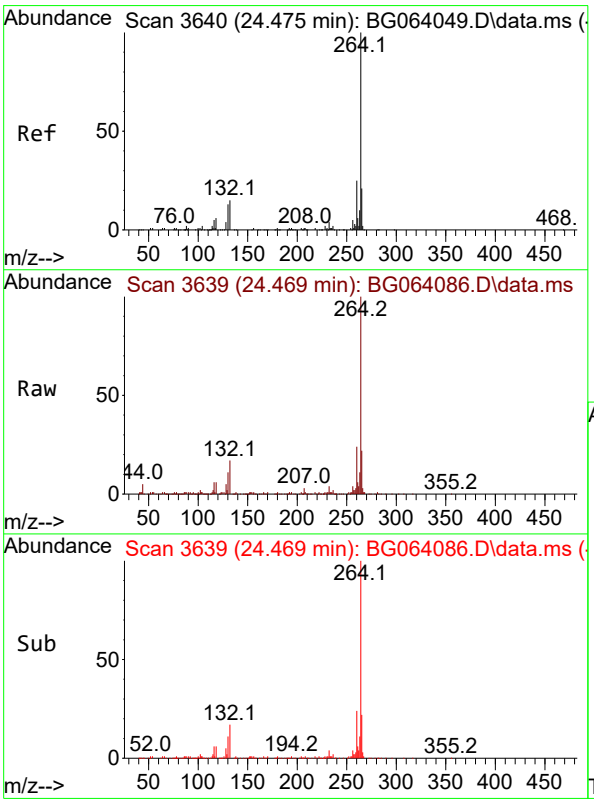
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.005 ng
RT: 21.372 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:149 Resp: 16557

Ion	Ratio	Lower	Upper
149	100		
167	31.4	21.0	31.6
279	4.0	2.8	4.2

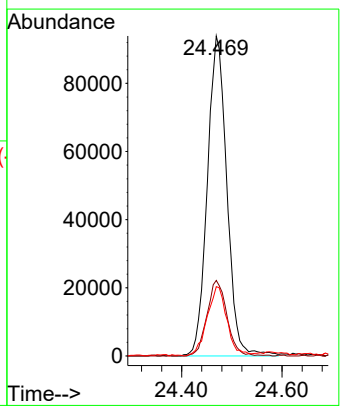


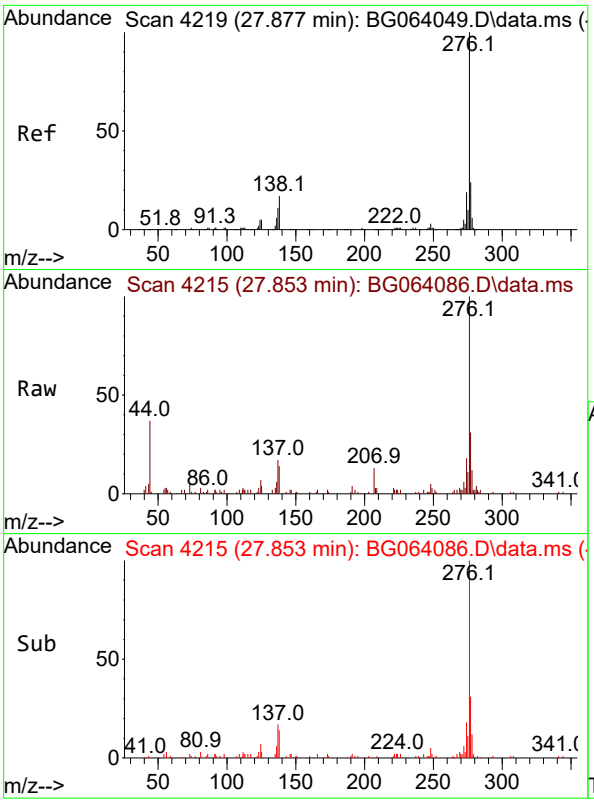


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.469 min Scan# 3639
Delta R.T. -0.006 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Tgt Ion:264 Resp: 253538

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.6	16.6	25.0



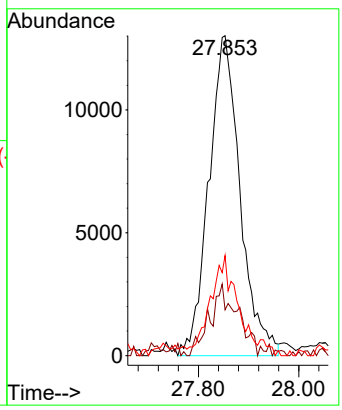


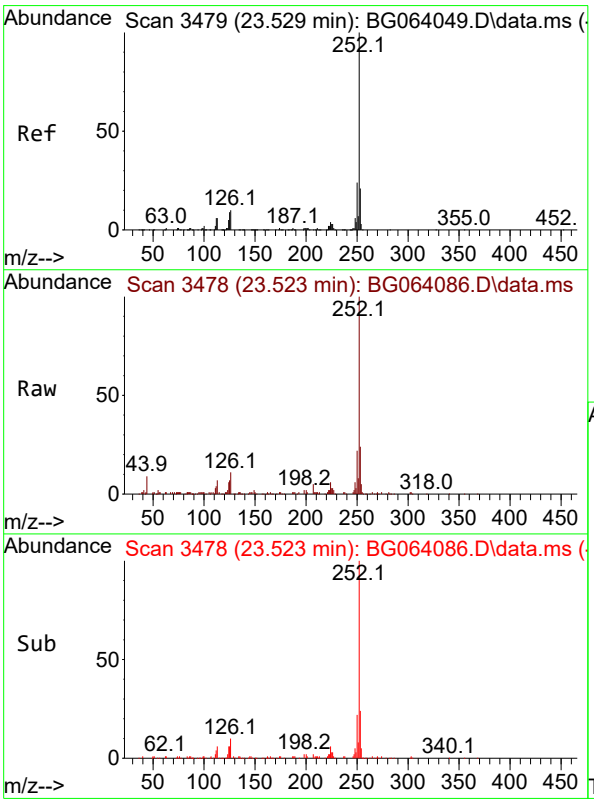
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.327 ng
RT: 27.853 min Scan# 4
Delta R.T. -0.023 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:276 Resp: 56437

Ion	Ratio	Lower	Upper
276	100		
138	20.2	12.1	18.1#
277	23.0	20.0	30.0

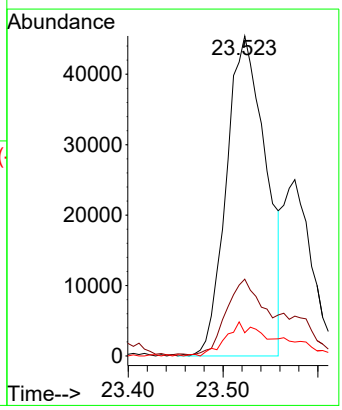


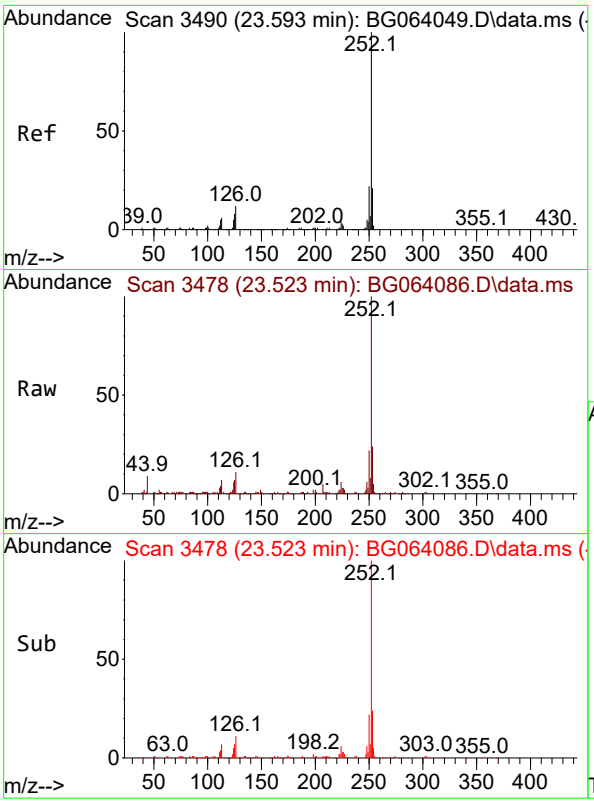


#88
Benzo(b)fluoranthene
Concen: 8.594 ng
RT: 23.523 min Scan# 3478
Delta R.T. -0.006 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Tgt Ion:252 Resp: 131728

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.0	25.4
125	7.2	7.4	11.2#



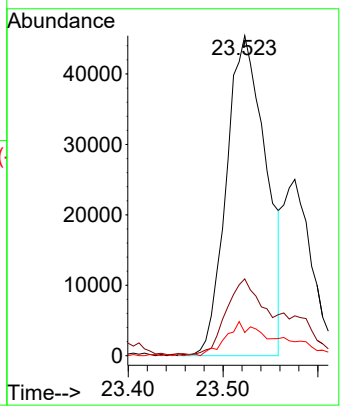


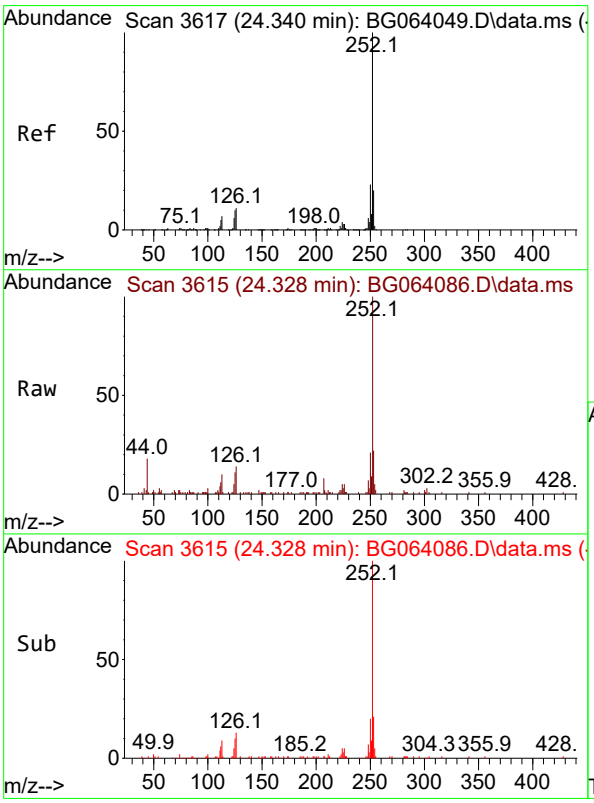
#89
Benzo(k)fluoranthene
Concen: 8.567 ng
RT: 23.523 min Scan# 34
Delta R.T. -0.070 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:252 Resp: 131728

Ion	Ratio	Lower	Upper
252	100		
253	24.0	16.8	25.2
125	7.2	6.9	10.3

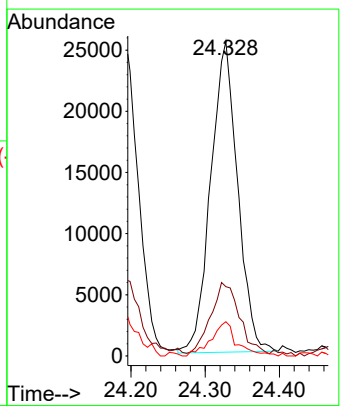


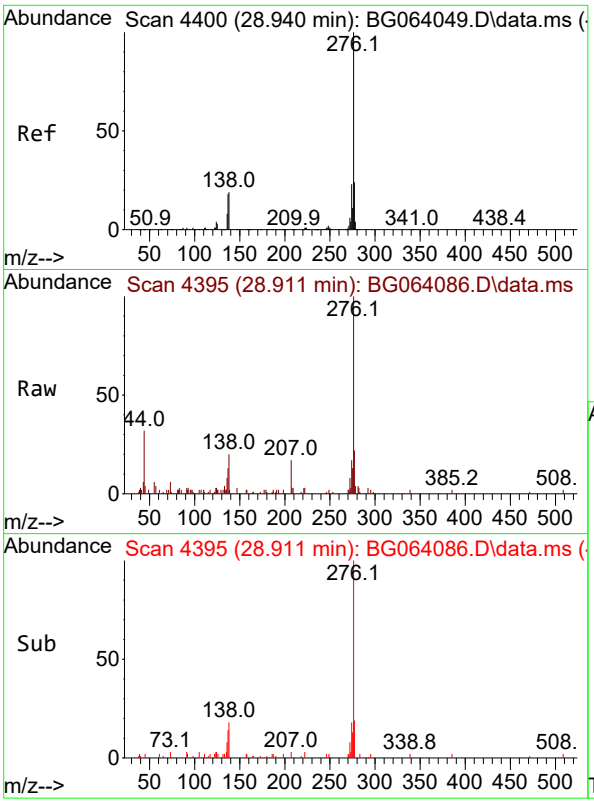


#90
Benzo(a)pyrene
Concen: 4.697 ng
RT: 24.328 min Scan# 3615
Delta R.T. -0.012 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Tgt Ion:252 Resp: 64110

Ion	Ratio	Lower	Upper
252	100		
253	22.0	16.2	24.2
125	10.9	7.8	11.6





#92
Benzo(g,h,i)perylene
Concen: 3.657 ng
RT: 28.911 min Scan# 4
Delta R.T. -0.029 min
Lab File: BG064086.D
Acq: 10 Mar 2025 18:26

Instrument :
BNA_G
ClientSampleId :
VNJ-241

Tgt Ion:276 Resp: 52811

Ion	Ratio	Lower	Upper
276	100		
277	22.4	19.5	29.3
138	22.2	15.4	23.0