Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090425\
Data File : BG064282.D
Acq On : 4 Sep 2025 14:20
Operator : RC/JU
Sample : Q3003-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VNJ-231

Quant Time: Sep 04 15:17:39 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	7.853	152	25764	20.000	ng		0.00
21) Naphthalene-d8	10.638	136	117815	20.000	ng		-0.01
39) Acenaphthene-d10	14.475	164	81743	20.000	ng		0.00
64) Phenanthrene-d10	17.219	188	181103	20.000	ng		0.00
76) Chrysene-d12	21.449	240	187790	20.000	ng		0.00
86) Perylene-d12	24.457	264	205622	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.444	112	193416	134.687	ng		0.00
7) Phenol-d6	7.025	99	271935	137.836	ng		0.00
23) Nitrobenzene-d5	9.005	82	190348	90.105	ng		-0.01
42) 2,4,6-Tribromophenol	15.967	330	150649	139.139	ng		0.00
45) 2-Fluorobiphenyl	13.100	172	479857	89.602	ng		-0.01
79) Terphenyl-d14	19.839	244	823178	91.455	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propyla...	9.005	70	27985	18.534	ng	#	74
51) 2,6-Dinitrotoluene	14.475	165	11763	9.820	ng	#	17
56) 4-Nitrophenol	14.880	139	2176	2.114	ng	#	1
57) 2,4-Dinitrotoluene	14.475	165	11763	6.495	ng	#	20
63) Azobenzene	15.838	77	31300	5.303	ng	#	1
67) 4-Bromophenyl-phenylether	15.967	248	11290	5.869	ng	#	1
71) Phenanthrene	17.260	178	109194	11.432	ng		96
75) Fluoranthene	19.269	202	197850	17.616	ng		96
78) Pyrene	19.633	202	161199	13.625	ng		99
81) Benzo(a)anthracene	21.431	228	88625	7.377	ng		95
83) Chrysene	21.490	228	99936	8.665	ng		97
87) Indeno(1,2,3-cd)pyrene	27.824	276	64589	4.600	ng	#	94
88) Benzo(b)fluoranthene	23.511	252	154369	13.302	ng		96
89) Benzo(k)fluoranthene	23.511	252	154369	13.057	ng		98
90) Benzo(a)pyrene	24.310	252	85596	7.929	ng		97
92) Benzo(g,h,i)perylene	28.881	276	61934	5.645	ng	#	95

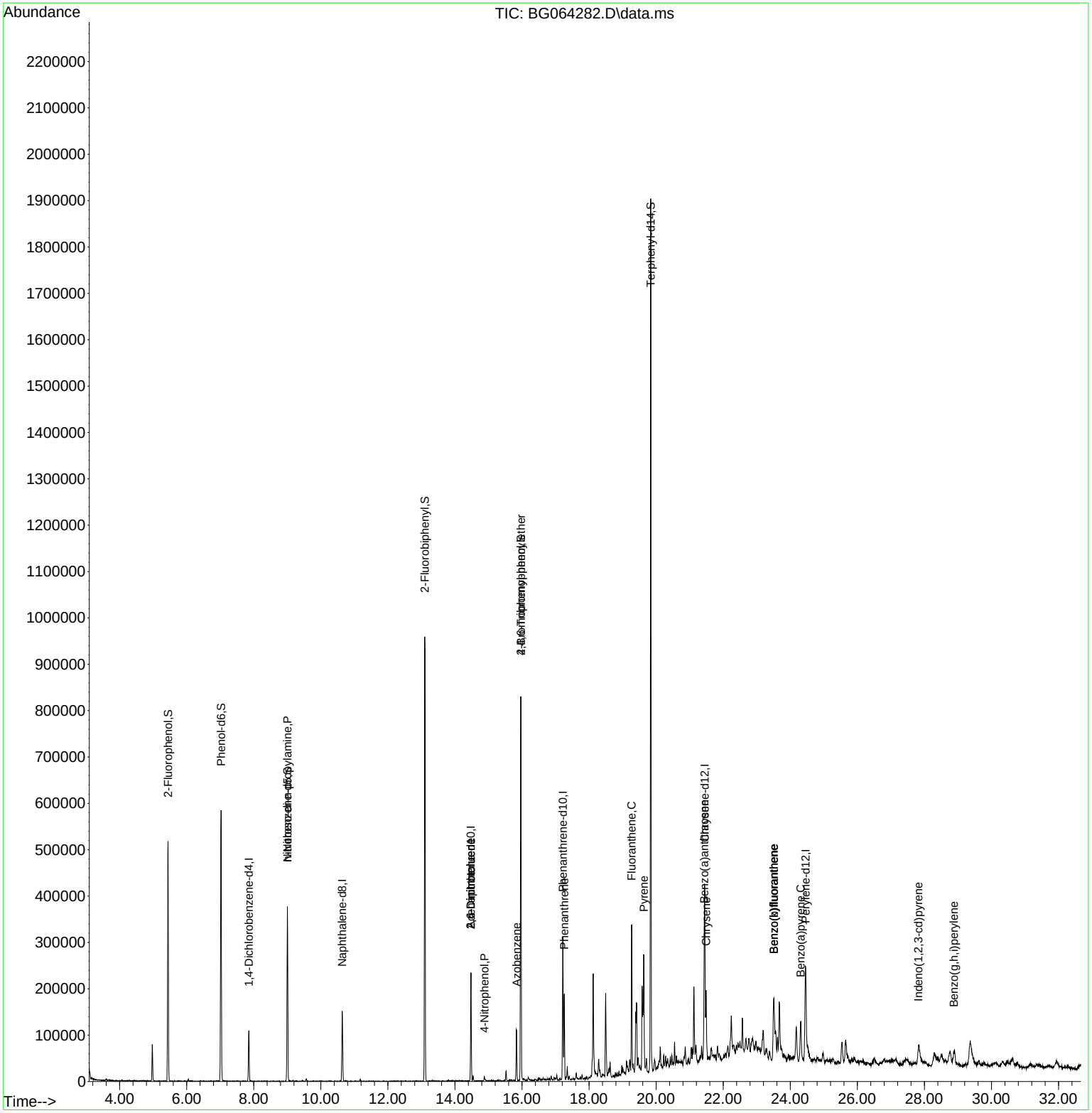
(#) = qualifier out of range (m) = manual integration (+) = signals summed

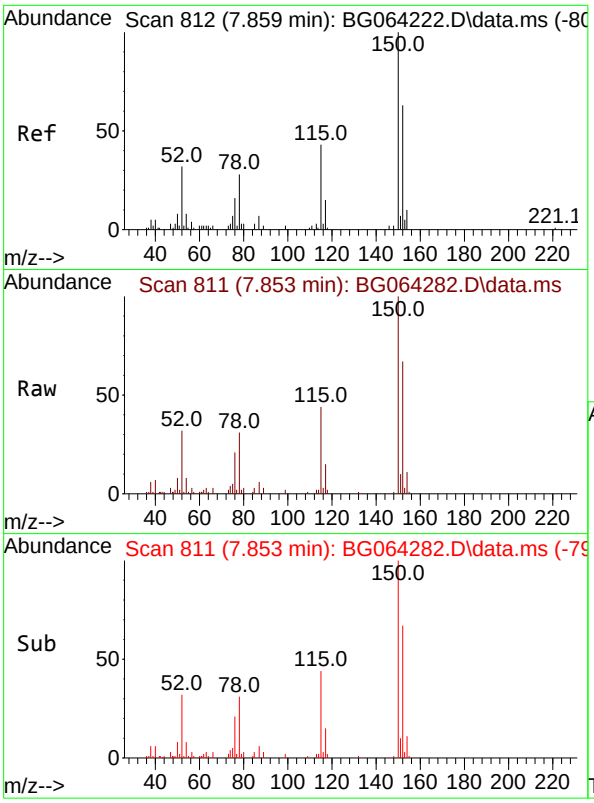
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090425\
Data File : BG064282.D
Acq On : 4 Sep 2025 14:20
Operator : RC/JU
Sample : Q3003-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-231

Quant Time: Sep 04 15:17:39 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



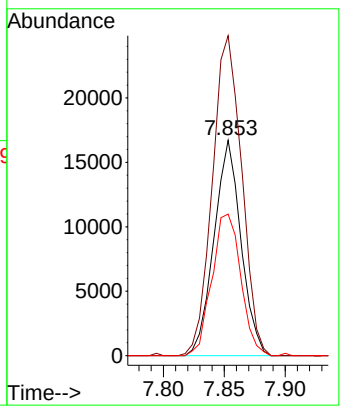


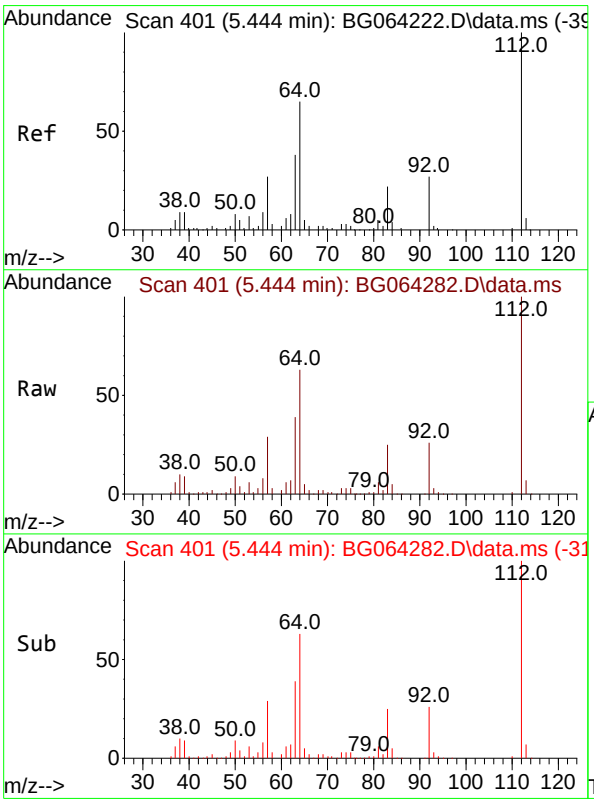
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.853 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Instrument :
BNA_G
ClientSampleId :
VNJ-231

Tgt Ion:152 Resp: 25764

Ion	Ratio	Lower	Upper
152	100		
150	148.6	128.0	192.0
115	65.8	55.7	83.5

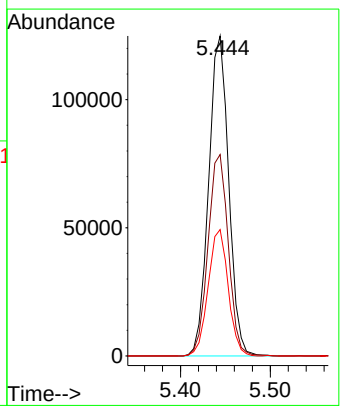


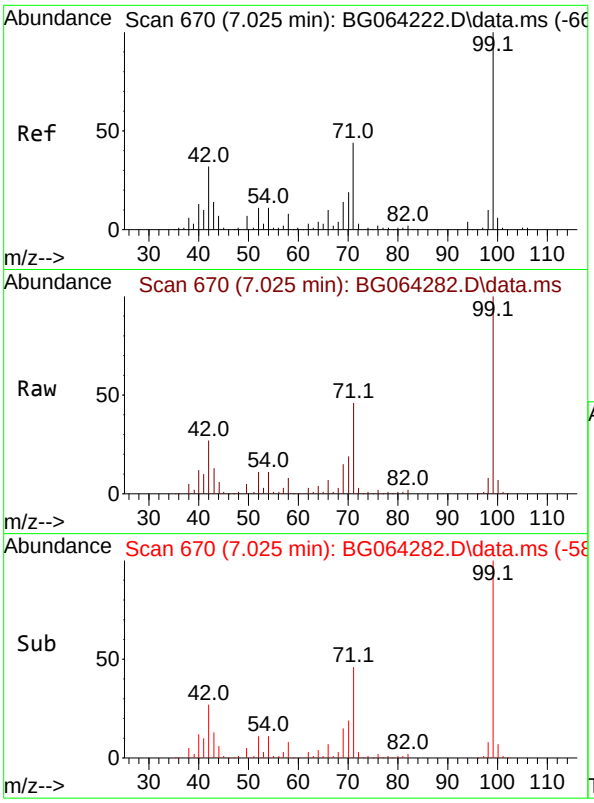


#5
2-Fluorophenol
Concen: 134.687 ng
RT: 5.444 min Scan# 401
Delta R.T. -0.000 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Tgt Ion:112 Resp: 193416

Ion	Ratio	Lower	Upper
112	100		
64	63.0	51.8	77.6
63	39.5	30.6	45.8



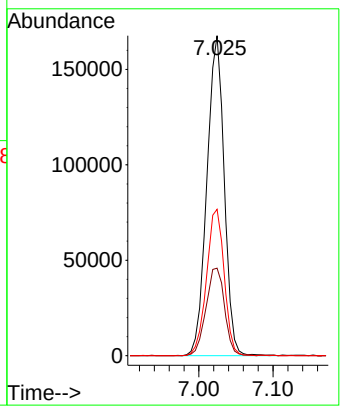


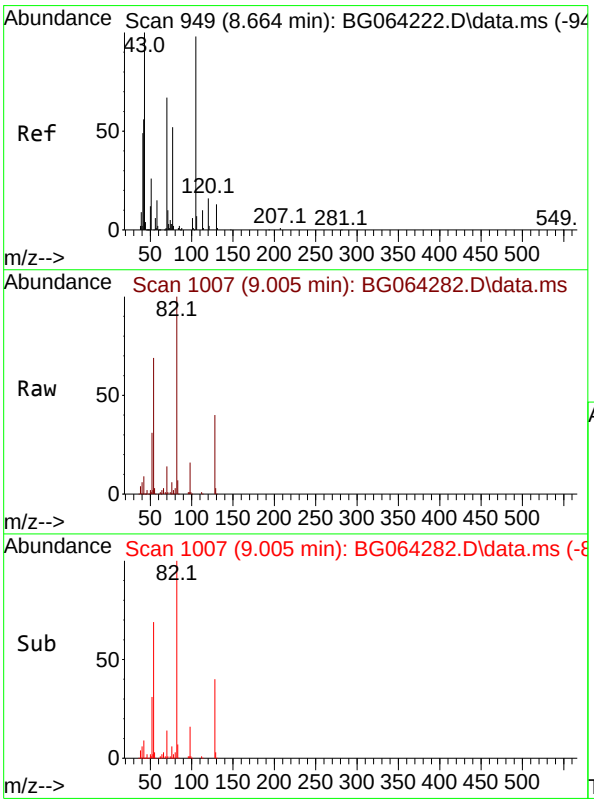
#7
Phenol-d6
Concen: 137.836 ng
RT: 7.025 min Scan# 6
Delta R.T. -0.006 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Instrument :
BNA_G
ClientSampleId :
VNJ-231

Tgt Ion: 99 Resp: 271935

Ion	Ratio	Lower	Upper
99	100		
42	27.3	25.8	38.8
71	45.7	35.2	52.8

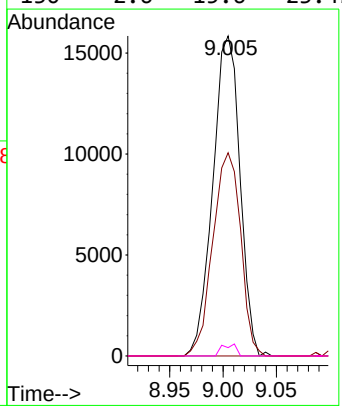


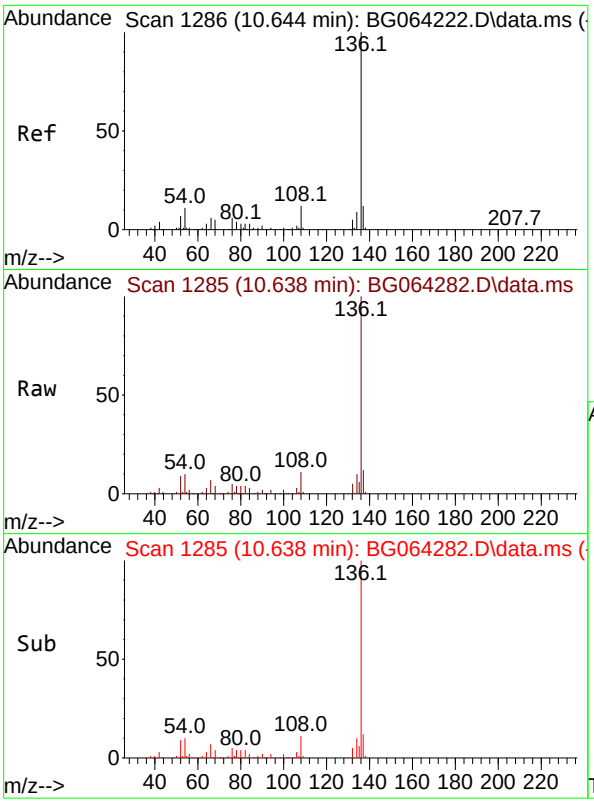


#19
n-Nitroso-di-n-propylamine
Concen: 18.534 ng
RT: 9.005 min Scan# 1007
Delta R.T. 0.341 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Tgt Ion: 70 Resp: 27985

Ion	Ratio	Lower	Upper
70	100		
42	63.5	67.9	101.9#
101	0.0	7.3	10.9#
130	2.6	15.6	23.4#



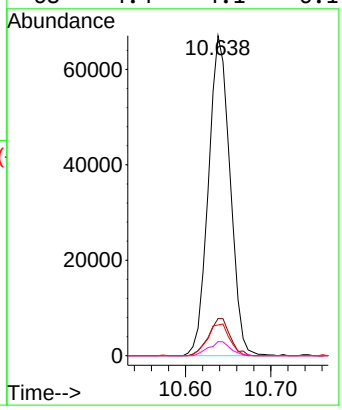


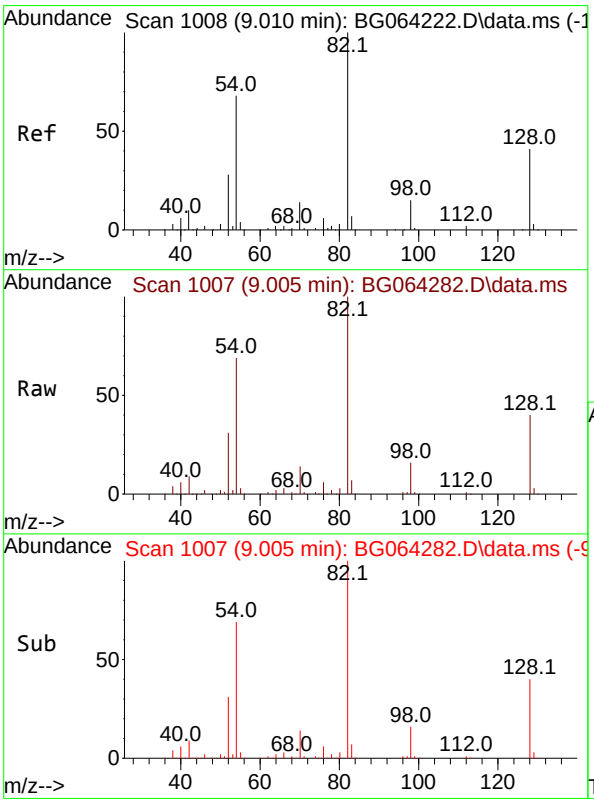
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.638 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Instrument :
BNA_G
ClientSampleId :
VNJ-231

Tgt Ion:136 Resp: 117815

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	9.6	8.8	13.2
68	4.4	4.1	6.1

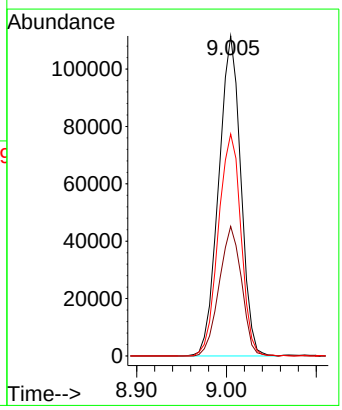


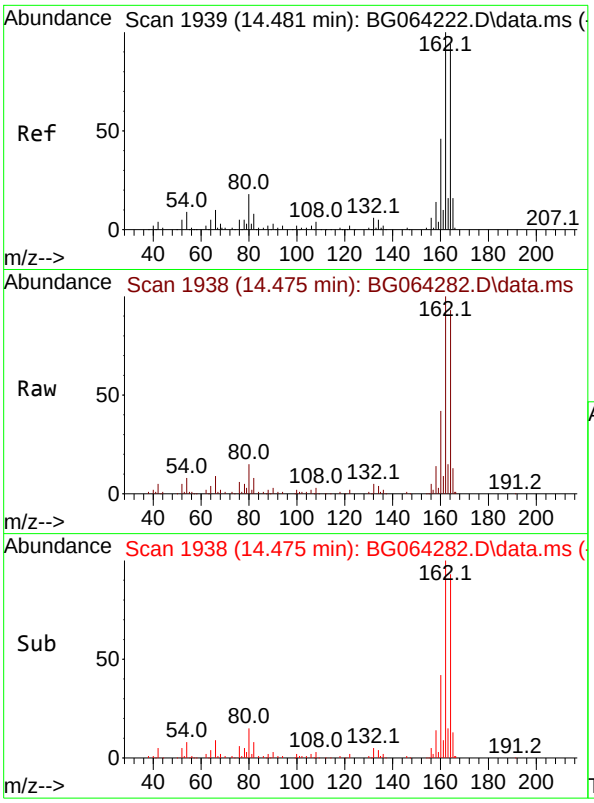


#23
Nitrobenzene-d5
Concen: 90.105 ng
RT: 9.005 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Tgt Ion: 82 Resp: 190348

Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.6	48.8
54	69.4	54.7	82.1



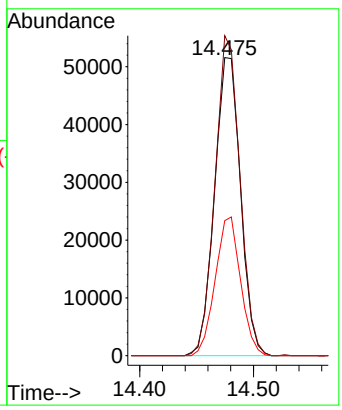


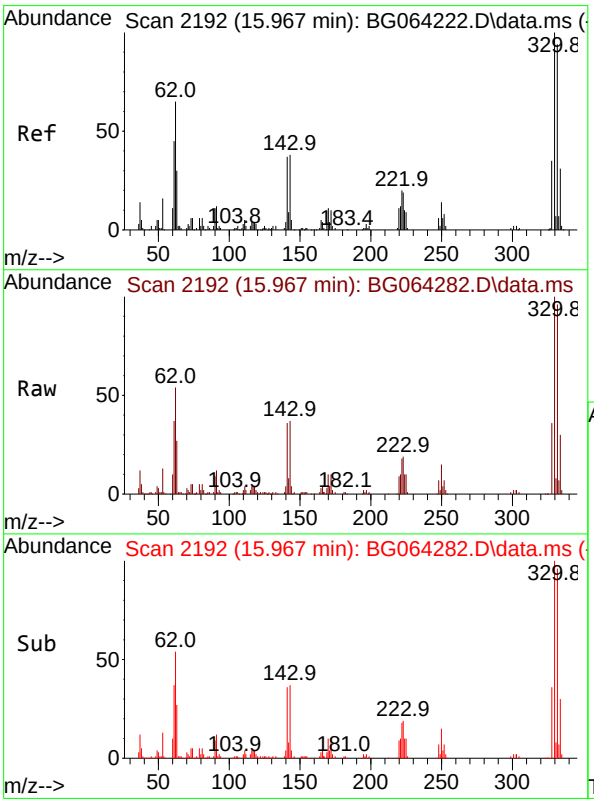
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Instrument :
BNA_G
ClientSampleId :
VNJ-231

Tgt Ion:164 Resp: 81743

Ion	Ratio	Lower	Upper
164	100		
162	107.4	85.4	128.0
160	45.3	39.2	58.8

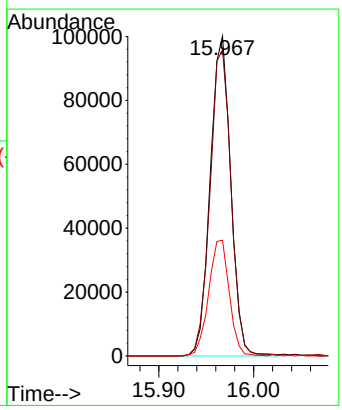


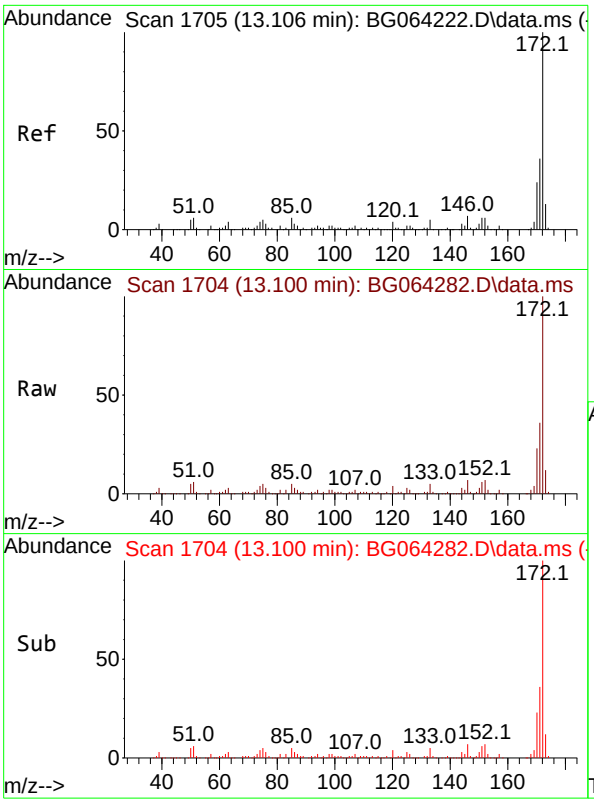


#42
2,4,6-Tribromophenol
Concen: 139.139 ng
RT: 15.967 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Tgt Ion:330 Resp: 150649

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.6	116.4
141	36.5	29.8	44.6



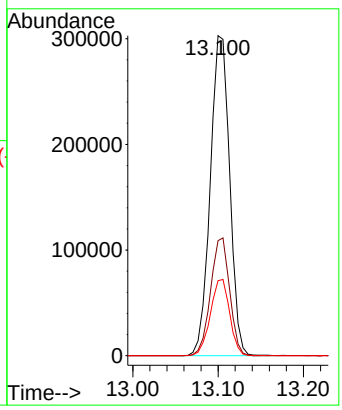


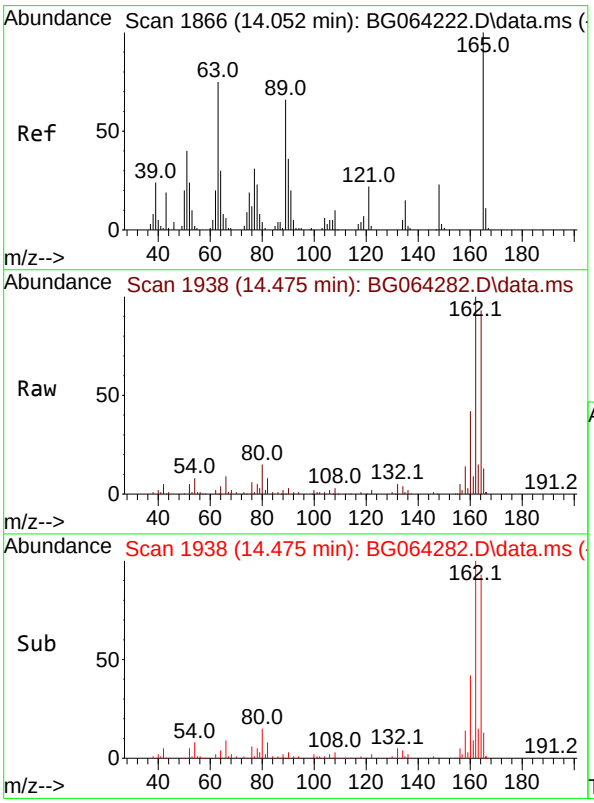
#45
2-Fluorobiphenyl
Concen: 89.602 ng
RT: 13.100 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Instrument :
BNA_G
ClientSampleId :
VNJ-231

Tgt Ion:172 Resp: 479857

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.7	43.1
170	23.5	19.0	28.6

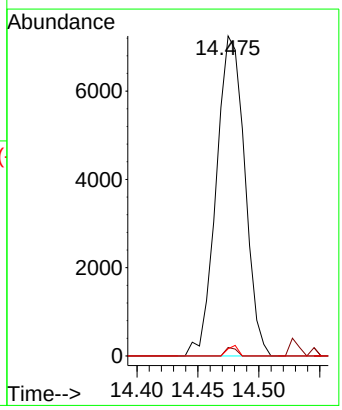


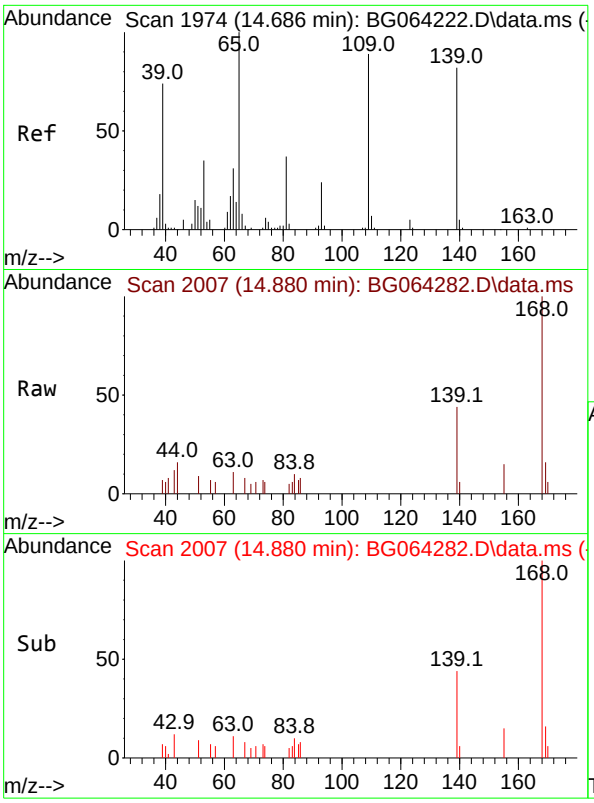


#51
2,6-Dinitrotoluene
Concen: 9.820 ng
RT: 14.475 min Scan# 1938
Delta R.T. 0.417 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Tgt Ion:165 Resp: 11763

Ion	Ratio	Lower	Upper
165	100		
63	2.6	60.3	90.5#
89	2.3	52.9	79.3#



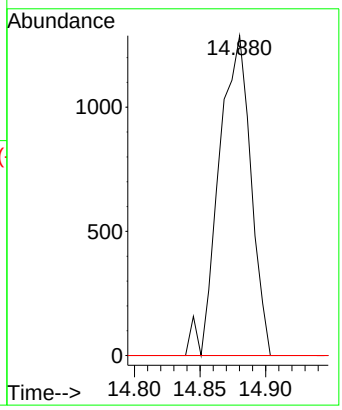


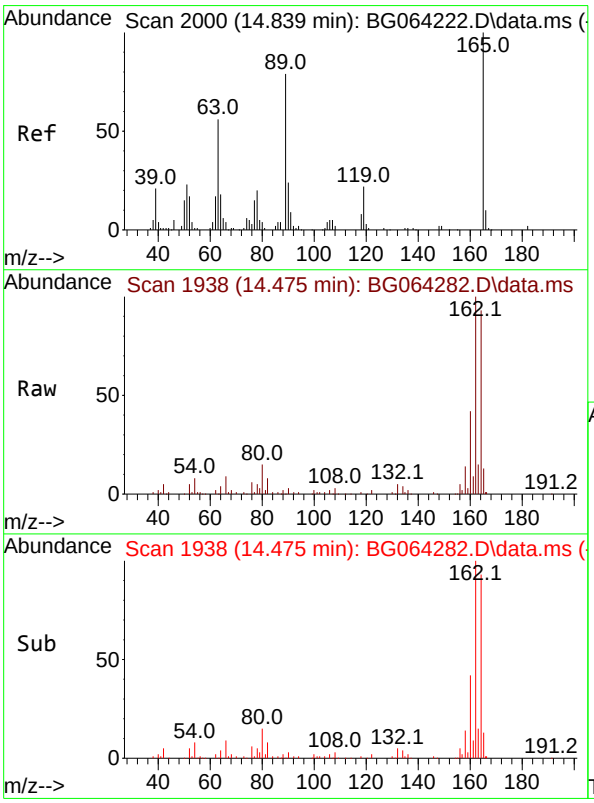
#56
4-Nitrophenol
Concen: 2.114 ng
RT: 14.880 min Scan# 2
Delta R.T. 0.182 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Instrument :
BNA_G
ClientSampleId :
VNJ-231

Tgt Ion:139 Resp: 2176

Ion	Ratio	Lower	Upper
139	100		
109	0.0	89.1	129.1#
65	0.0	102.9	142.9#

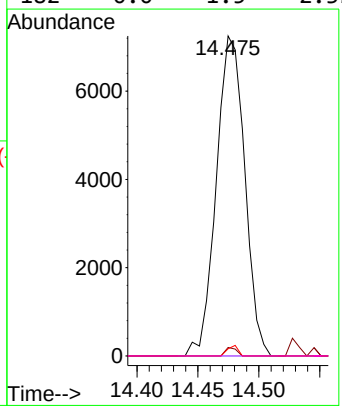


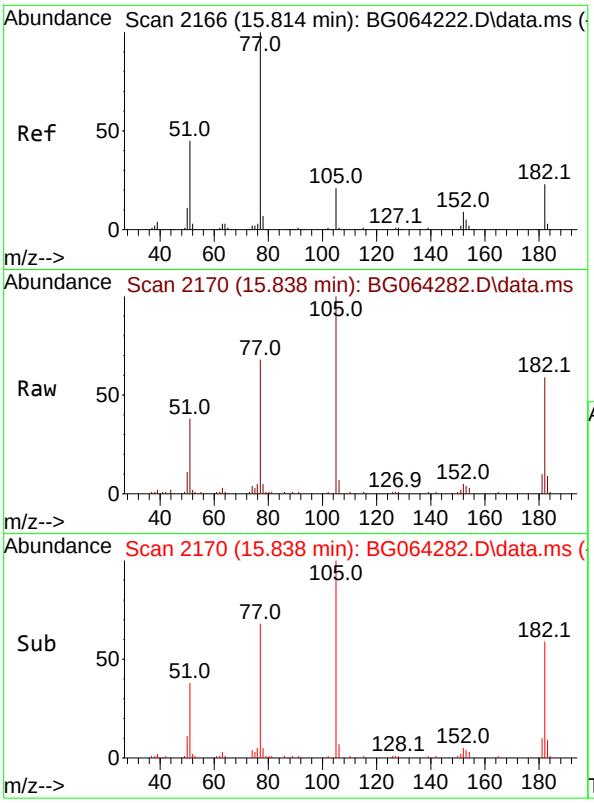


#57
2,4-Dinitrotoluene
Concen: 6.495 ng
RT: 14.475 min Scan# 1938
Delta R.T. -0.370 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Tgt Ion:165 Resp: 11763

Ion	Ratio	Lower	Upper
165	100		
63	2.6	44.6	67.0#
89	2.3	63.0	94.4#
182	0.0	1.5	2.3#



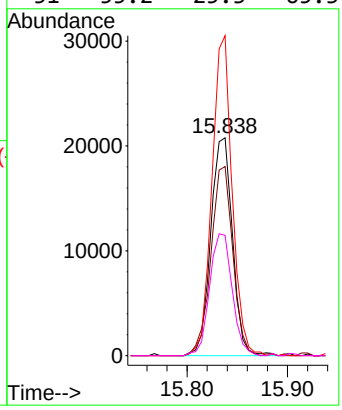


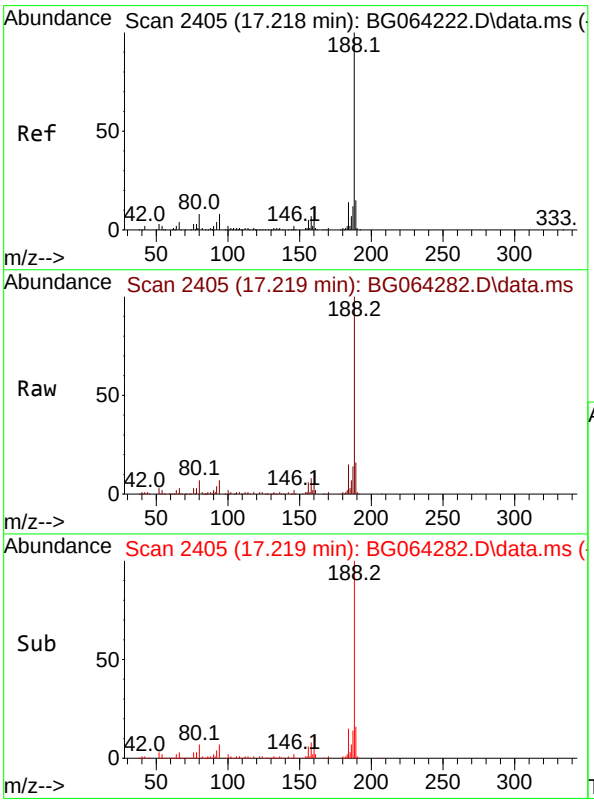
#63
Azobenzene
Concen: 5.303 ng
RT: 15.838 min Scan# 21
Delta R.T. 0.017 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Instrument :
BNA_G
ClientSampleId :
VNJ-231

Tgt Ion: 77 Resp: 31300

Ion	Ratio	Lower	Upper
77	100		
182	86.8	3.3	43.3#
105	146.8	0.6	40.6#
51	55.2	25.3	65.3

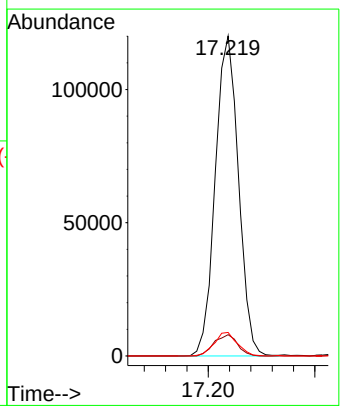


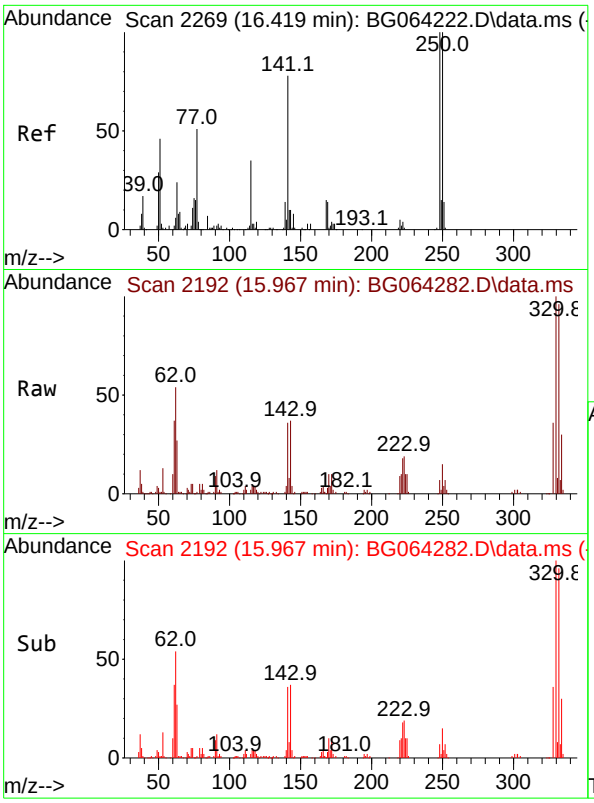


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Tgt Ion:188 Resp: 181103

Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.2	9.4
80	7.3	6.8	10.2



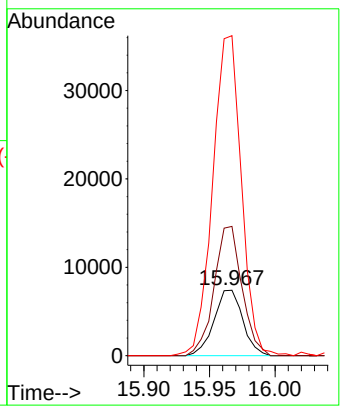


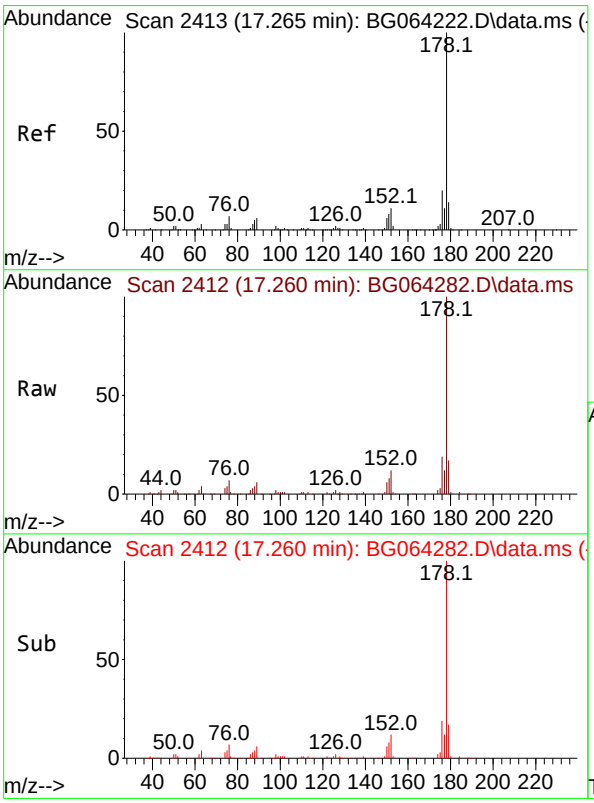
#67
4-Bromophenyl-phenylether
Concen: 5.869 ng
RT: 15.967 min Scan# 21
Delta R.T. -0.453 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Instrument :
BNA_G
ClientSampleId :
VNJ-231

Tgt Ion:248 Resp: 11290

Ion	Ratio	Lower	Upper
248	100		
250	197.6	80.2	120.4#
141	489.0	62.4	93.6#

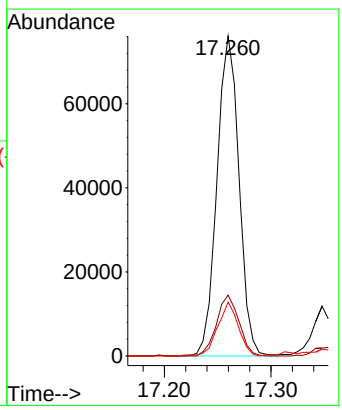


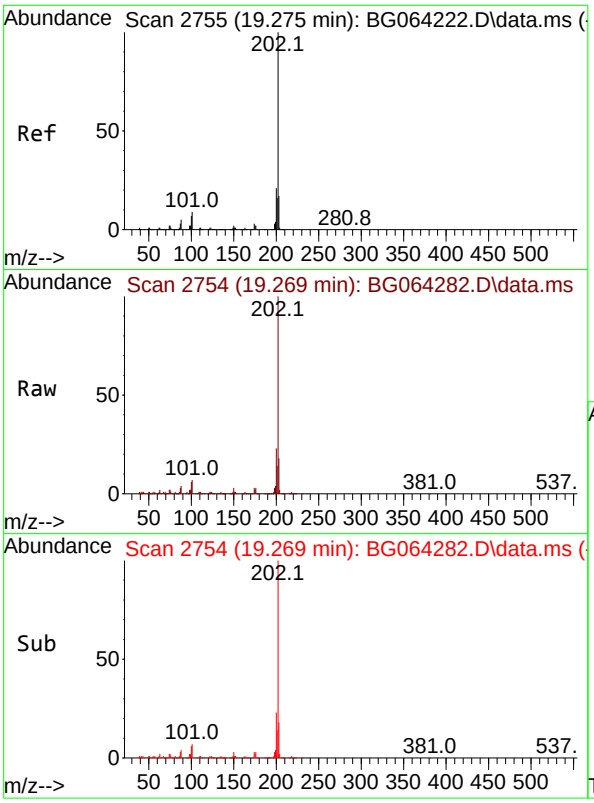


#71
Phenanthrene
Concen: 11.432 ng
RT: 17.260 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Tgt Ion:178 Resp: 109194

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	16.8	11.4	17.2



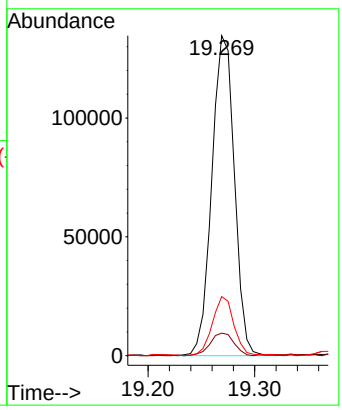


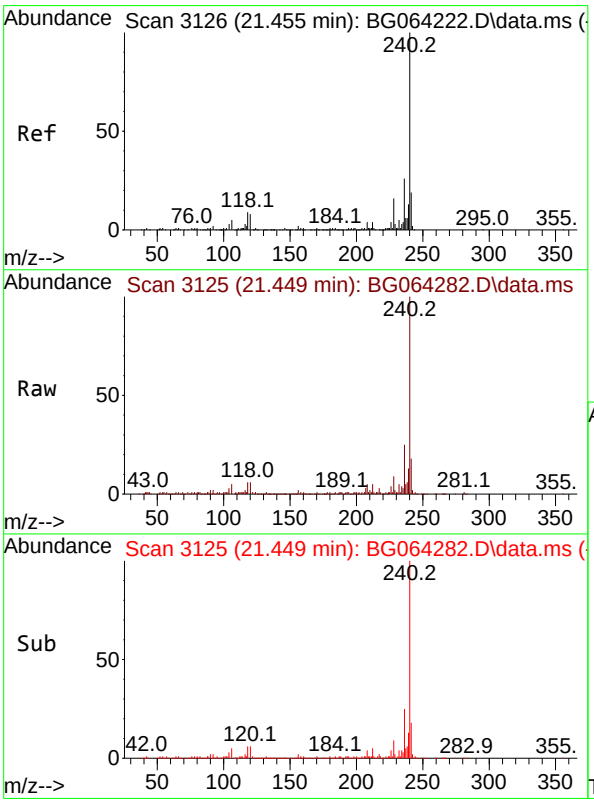
#75
Fluoranthene
Concen: 17.616 ng
RT: 19.269 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Instrument :
BNA_G
ClientSampleId :
VNJ-231

Tgt Ion:202 Resp: 197850

Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	28.7
203	18.4	0.0	36.9

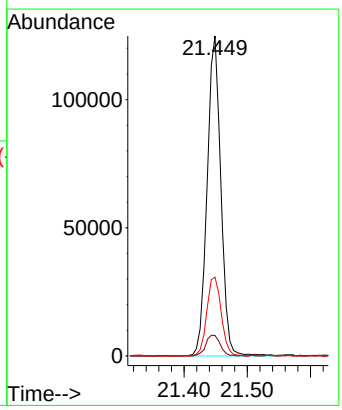


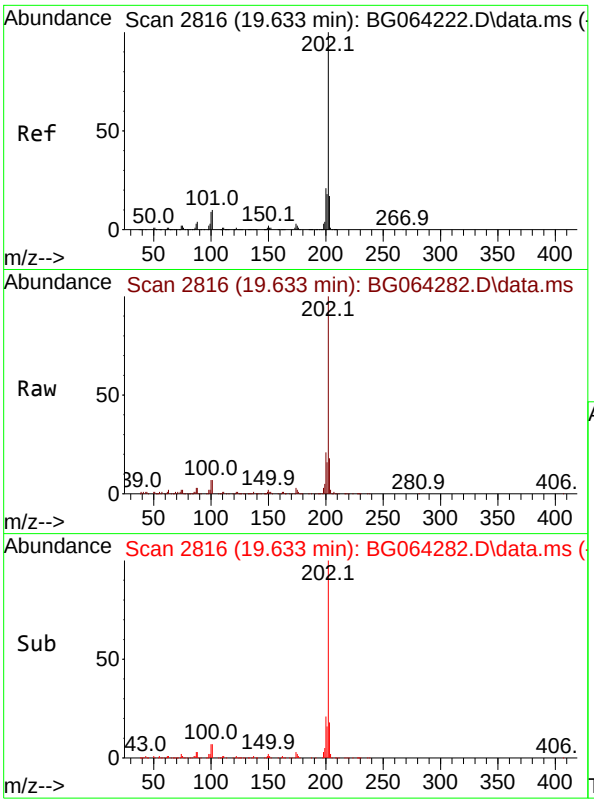


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Tgt Ion:240 Resp: 187790

Ion	Ratio	Lower	Upper
240	100		
120	6.4	6.2	9.4
236	24.7	20.5	30.7



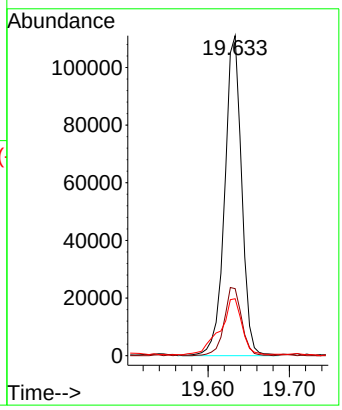


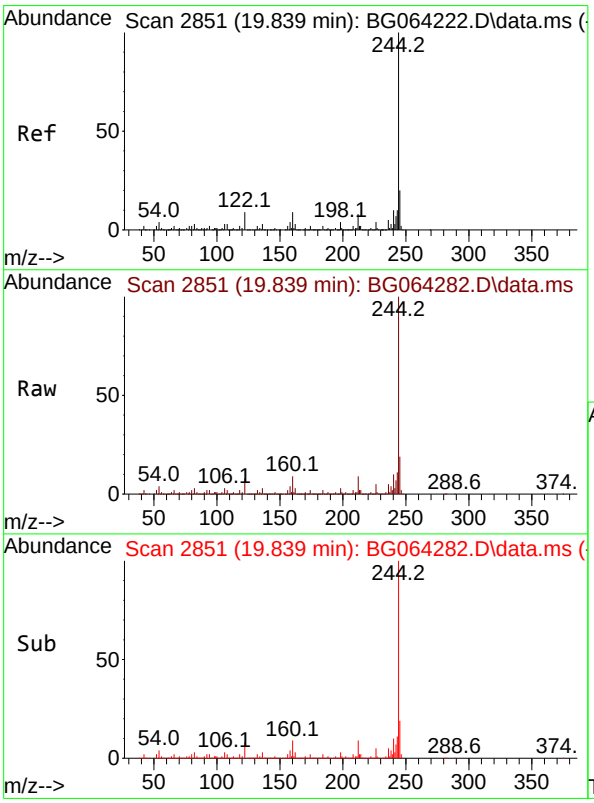
#78
Pyrene
Concen: 13.625 ng
RT: 19.633 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Instrument :
BNA_G
ClientSampleId :
VNJ-231

Tgt Ion:202 Resp: 161199

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.8	13.8	20.8

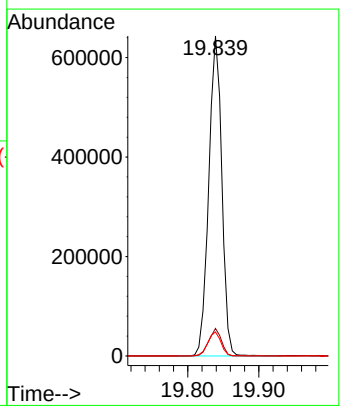


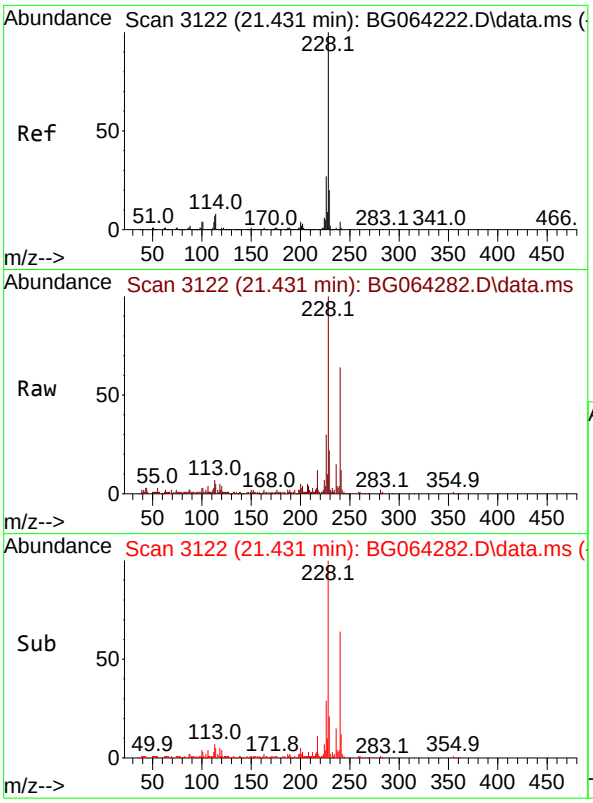


#79
Terphenyl-d14
Concen: 91.455 ng
RT: 19.839 min Scan# 2851
Delta R.T. -0.006 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Tgt Ion:244 Resp: 823178

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



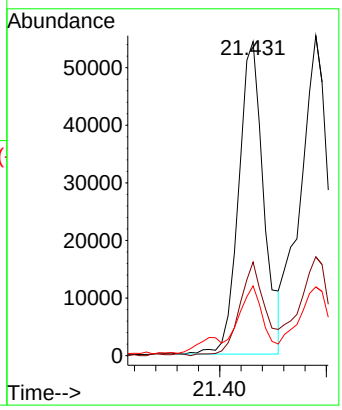


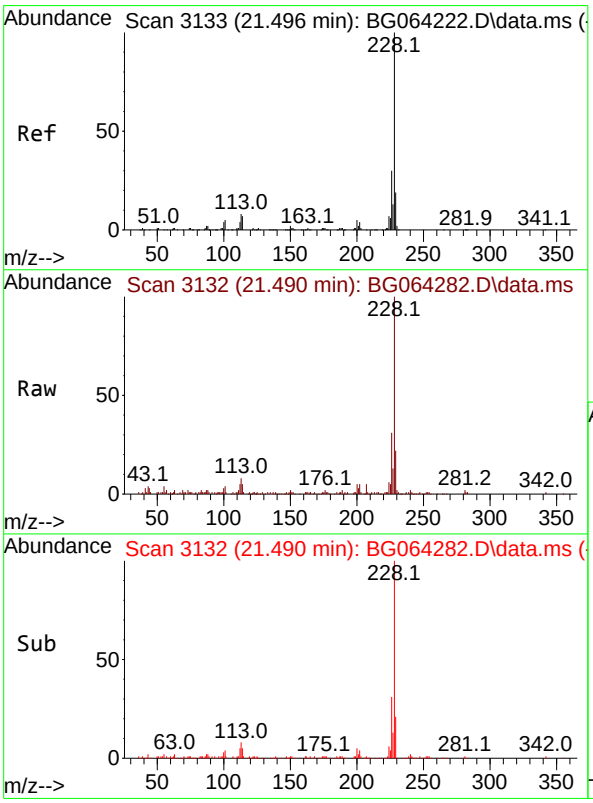
#81
Benzo(a)anthracene
Concen: 7.377 ng
RT: 21.431 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Instrument :
BNA_G
ClientSampleId :
VNJ-231

Tgt Ion:228 Resp: 88625

Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.7	32.5
229	22.2	15.9	23.9

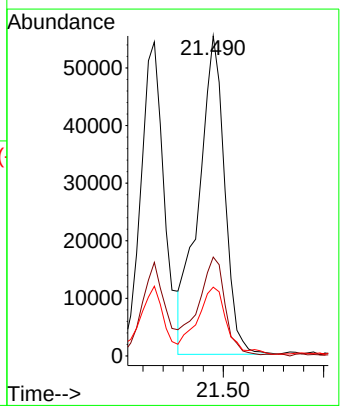


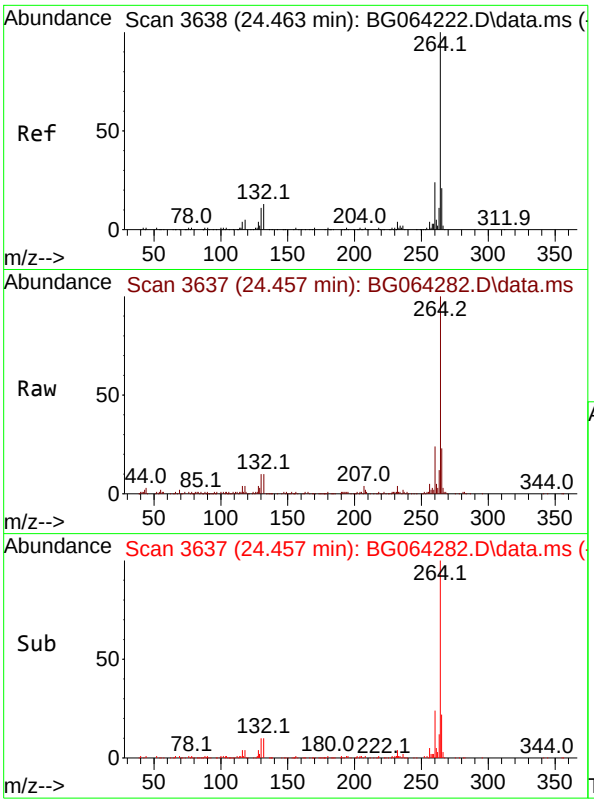


#83
Chrysene
Concen: 8.665 ng
RT: 21.490 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Tgt Ion:228 Resp: 99936

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.2
229	21.5	15.4	23.2



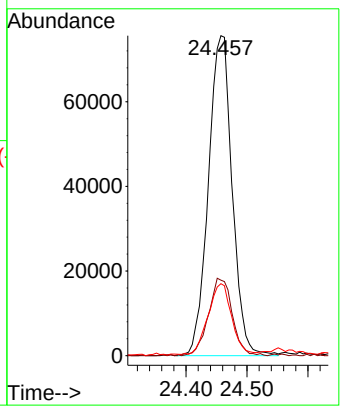


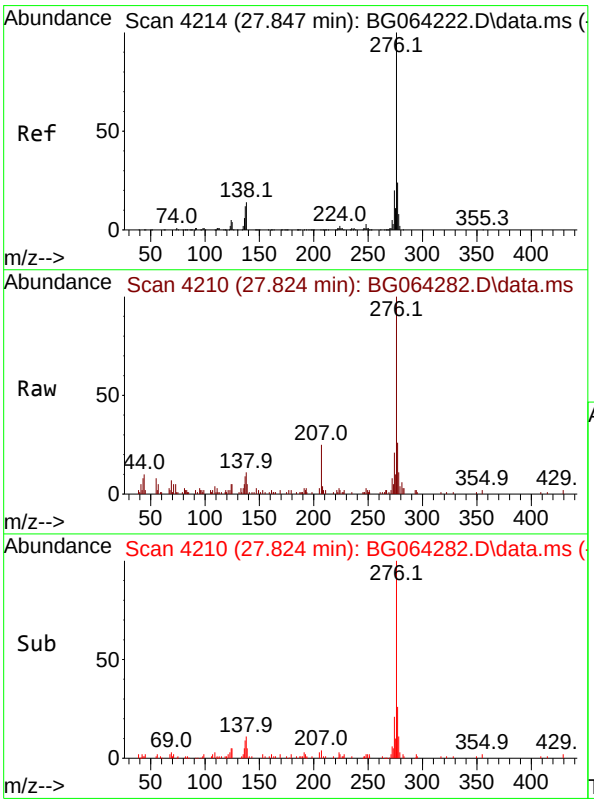
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.457 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Instrument :
BNA_G
ClientSampleId :
VNJ-231

Tgt Ion:264 Resp: 205622

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.5	16.7	25.1

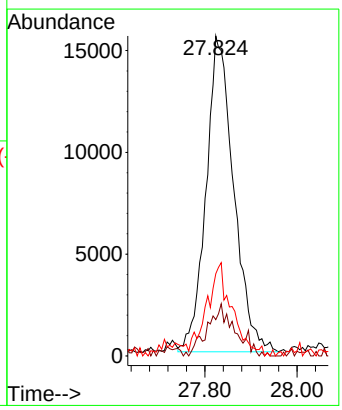


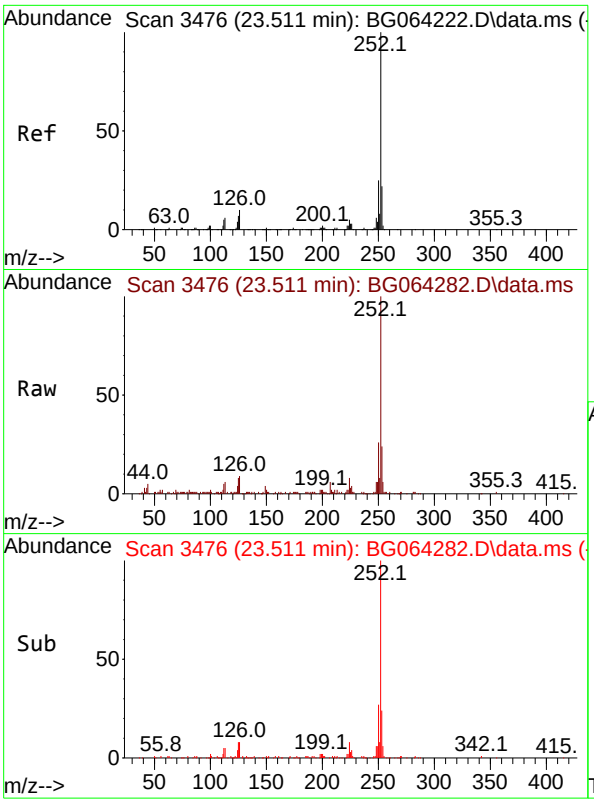


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.600 ng
RT: 27.824 min Scan# 4210
Delta R.T. -0.047 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Tgt Ion:276 Resp: 64589

Ion	Ratio	Lower	Upper
276	100		
138	14.3	7.4	11.0#
277	27.1	20.5	30.7



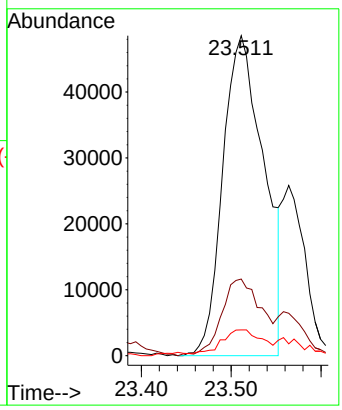


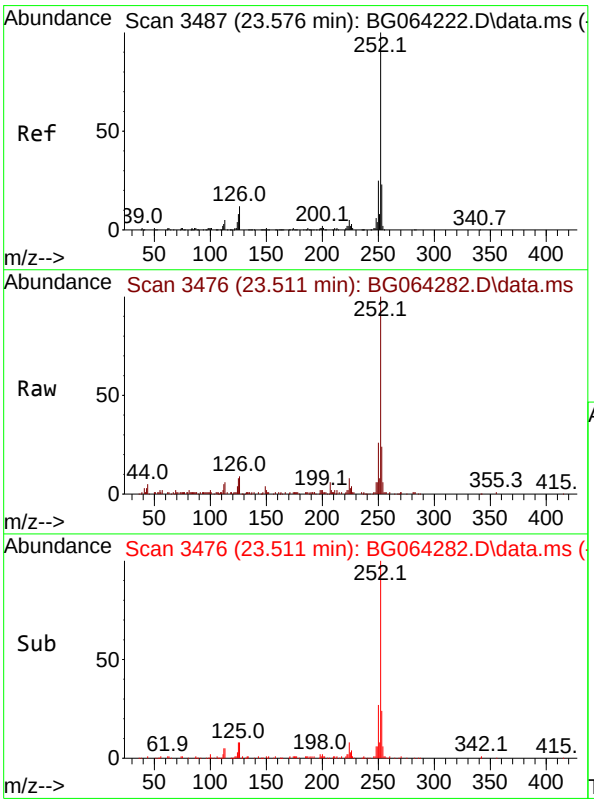
#88
Benzo(b)fluoranthene
Concen: 13.302 ng
RT: 23.511 min Scan# 34
Delta R.T. -0.006 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Instrument :
BNA_G
ClientSampleId :
VNJ-231

Tgt Ion:252 Resp: 154369

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	8.1	5.9	8.9

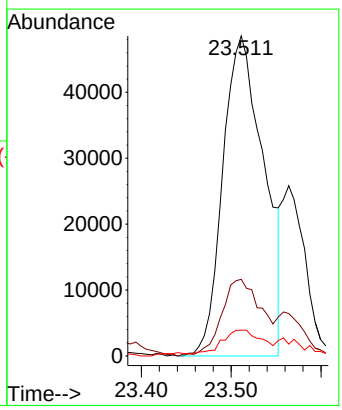


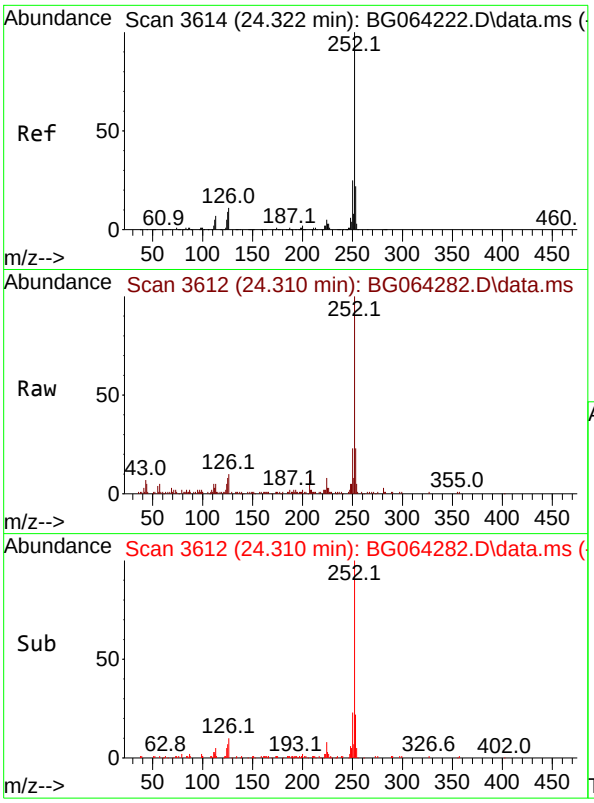


#89
Benzo(k)fluoranthene
Concen: 13.057 ng
RT: 23.511 min Scan# 3476
Delta R.T. -0.077 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Tgt Ion:252 Resp: 154369

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.4
125	8.1	7.0	10.4



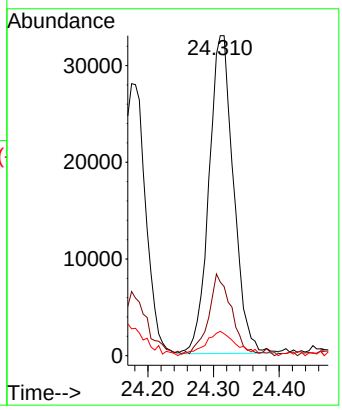


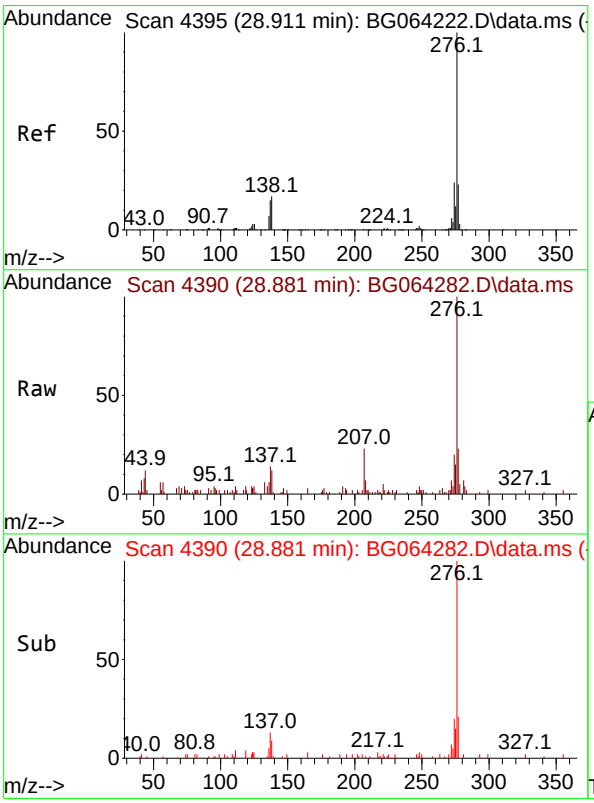
#90
Benzo(a)pyrene
Concen: 7.929 ng
RT: 24.310 min Scan# 3
Delta R.T. -0.018 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Instrument :
BNA_G
ClientSampleId :
VNJ-231

Tgt Ion:252 Resp: 85596

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	7.6	7.0	10.6





#92
Benzo(g,h,i)perylene
Concen: 5.645 ng
RT: 28.881 min Scan# 4390
Delta R.T. -0.053 min
Lab File: BG064282.D
Acq: 4 Sep 2025 14:20

Tgt Ion:276 Resp: 61934

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.2	27.4
138	11.9	13.3	19.9#