Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
Data File : BG064312.D
Acq On : 8 Sep 2025 18:22
Operator : RC/JU
Sample : Q3032-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 09 01:31:39 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	7.848	152	23608	20.000	ng	-0.01
21) Naphthalene-d8	10.633	136	100404	20.000	ng	#-0.02
39) Acenaphthene-d10	14.475	164	71106	20.000	ng	0.00
64) Phenanthrene-d10	17.213	188	169678	20.000	ng	-0.01
76) Chrysene-d12	21.444	240	196040	20.000	ng	-0.01
86) Perylene-d12	24.458	264	213880	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	28512	21.668	ng	0.00
7) Phenol-d6	7.014	99	37695	20.851	ng	-0.02
23) Nitrobenzene-d5	8.999	82	25654	14.250	ng	-0.02
42) 2,4,6-Tribromophenol	15.962	330	24701	26.227	ng	-0.01
45) 2-Fluorobiphenyl	13.095	172	54366	11.670	ng	-0.02
79) Terphenyl-d14	19.834	244	104396	11.110	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.999	70	3717	2.687	ng	# 68
51) 2,6-Dinitrotoluene	14.475	165	9342	8.966	ng	# 17
54) 2,4-Dinitrophenol	14.869	184	77	5.756	ng	# 12
57) 2,4-Dinitrotoluene	14.475	165	9342	5.930	ng	# 20
71) Phenanthrene	17.254	178	72245	8.073	ng	95
75) Fluoranthene	19.270	202	158061	15.021	ng	98
78) Pyrene	19.628	202	143135	11.589	ng	99
81) Benzo(a)anthracene	21.426	228	86735	6.916	ng	98
83) Chrysene	21.491	228	77728	6.456	ng	97
87) Indeno(1,2,3-cd)pyrene	27.824	276	50442	3.453	ng	# 92
88) Benzo(b)fluoranthene	23.506	252	102309	8.476	ng	97
89) Benzo(k)fluoranthene	23.506	252	102309	8.319	ng	# 97
92) Benzo(g,h,i)perylene	28.888	276	48042	4.210	ng	# 90

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090825\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
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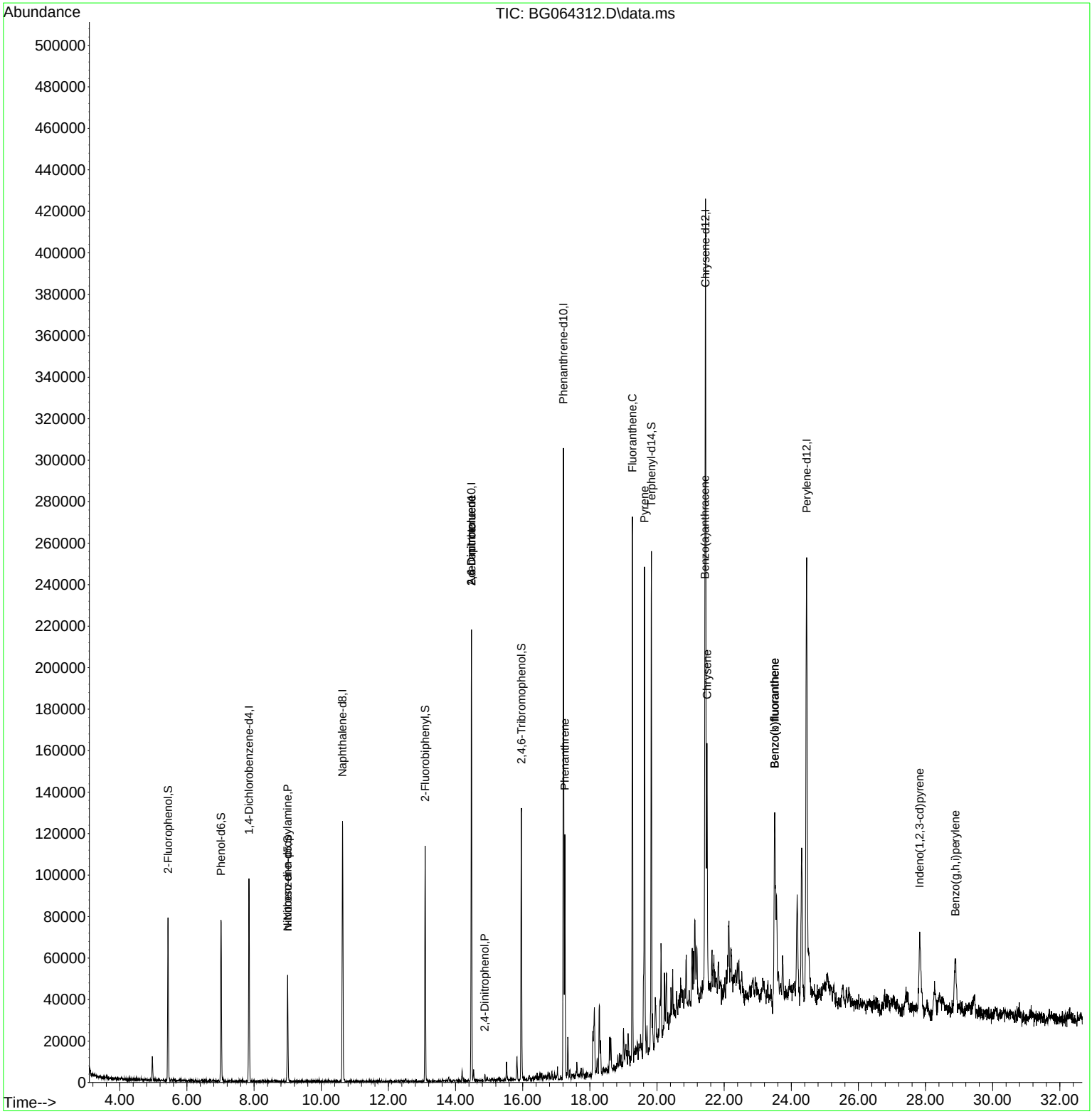
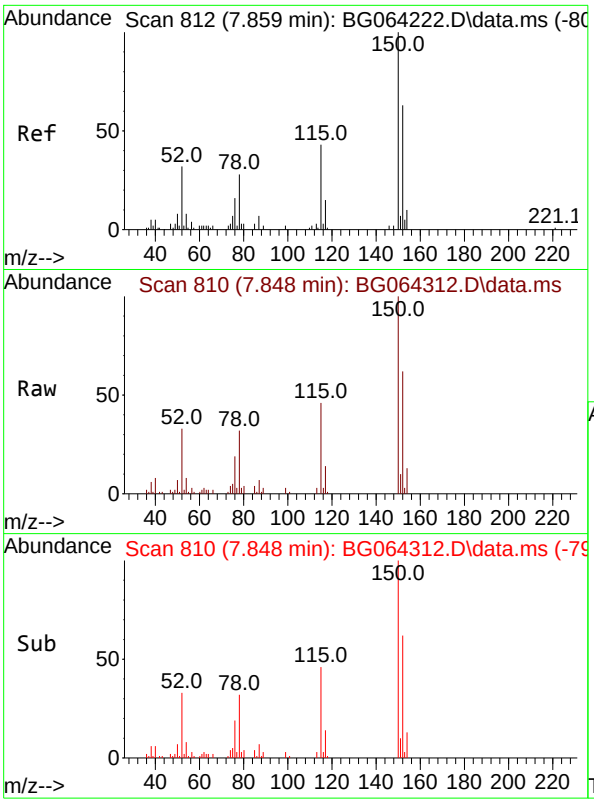


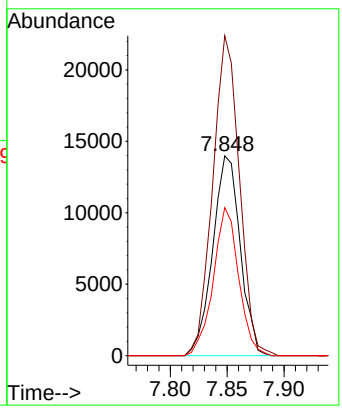


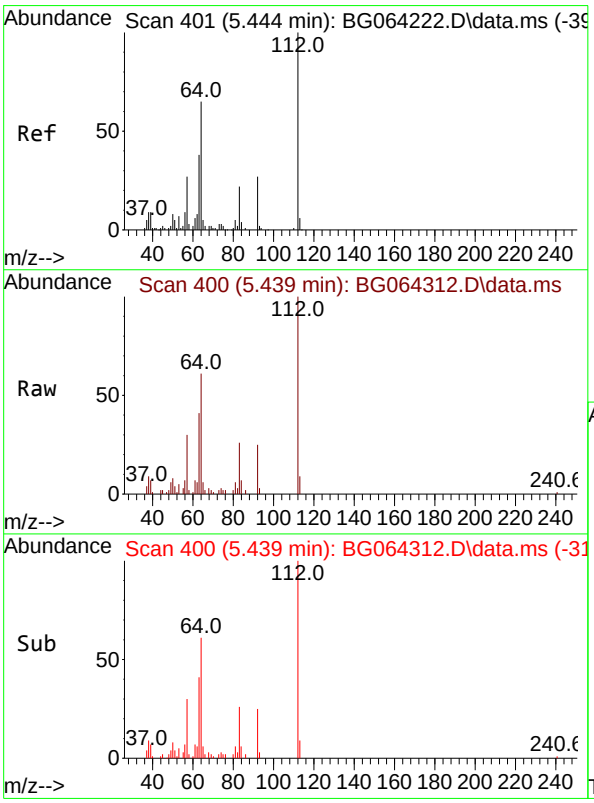
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.848 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 23608

Ion	Ratio	Lower	Upper
152	100		
150	160.1	128.0	192.0
115	74.0	55.7	83.5

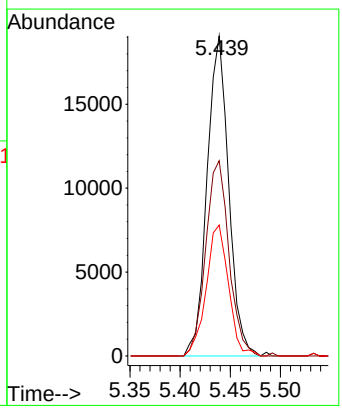


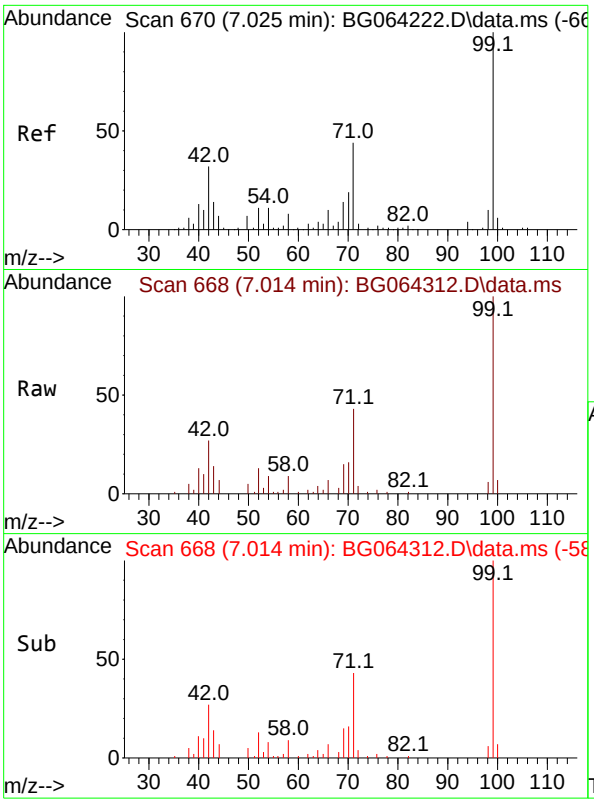


#5
2-Fluorophenol
Concen: 21.668 ng
RT: 5.439 min Scan# 400
Delta R.T. -0.005 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

Tgt Ion:112 Resp: 28512

Ion	Ratio	Lower	Upper
112	100		
64	61.0	51.8	77.6
63	40.9	30.6	45.8



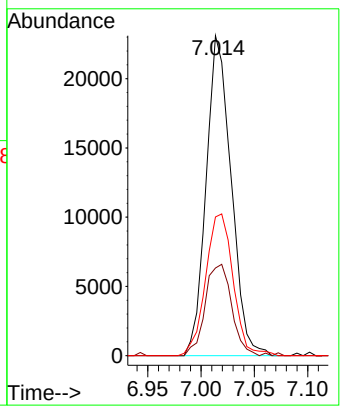


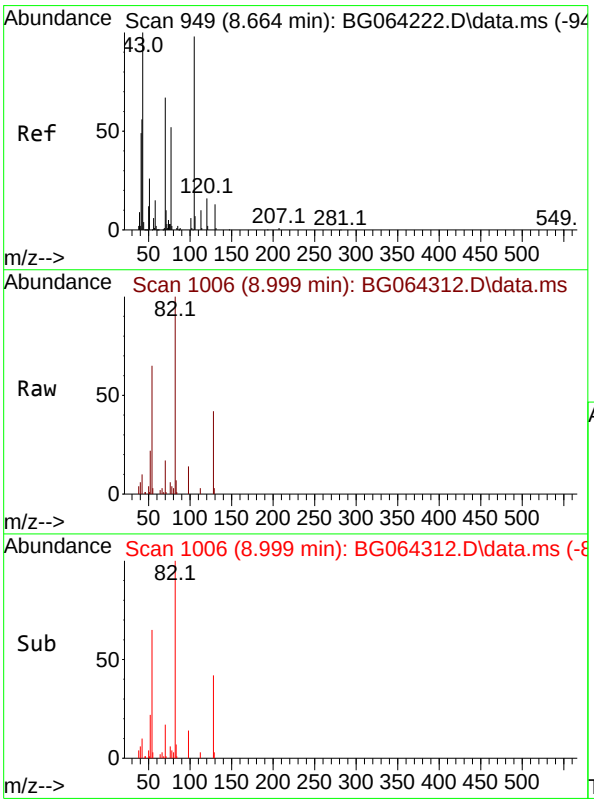
#7
Phenol-d6
Concen: 20.851 ng
RT: 7.014 min Scan# 6
Delta R.T. -0.017 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 99 Resp: 37695

Ion	Ratio	Lower	Upper
99	100		
42	27.4	25.8	38.8
71	43.3	35.2	52.8

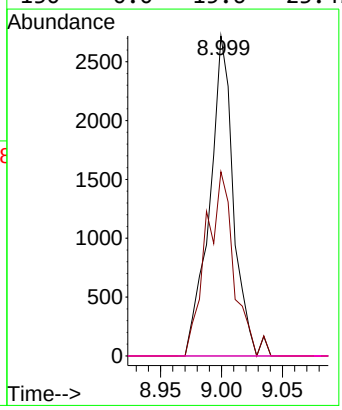


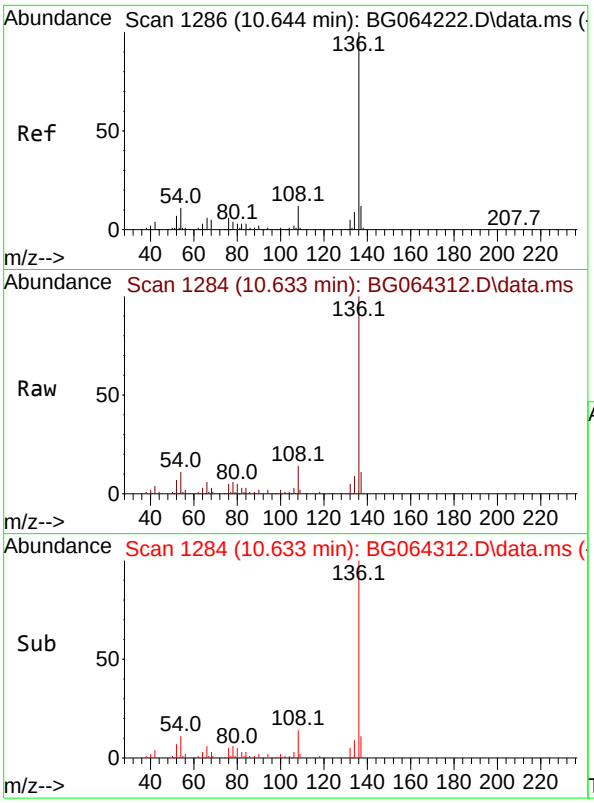


#19
n-Nitroso-di-n-propylamine
Concen: 2.687 ng
RT: 8.999 min Scan# 1006
Delta R.T. 0.335 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

Tgt Ion: 70 Resp: 3717

Ion	Ratio	Lower	Upper
70	100		
42	57.6	67.9	101.9#
101	0.0	7.3	10.9#
130	0.0	15.6	23.4#



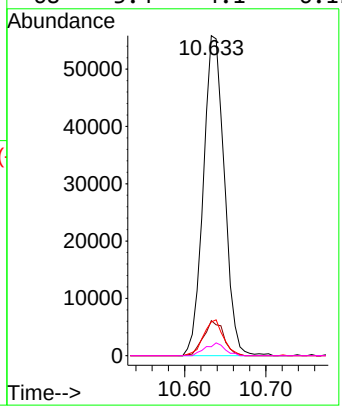


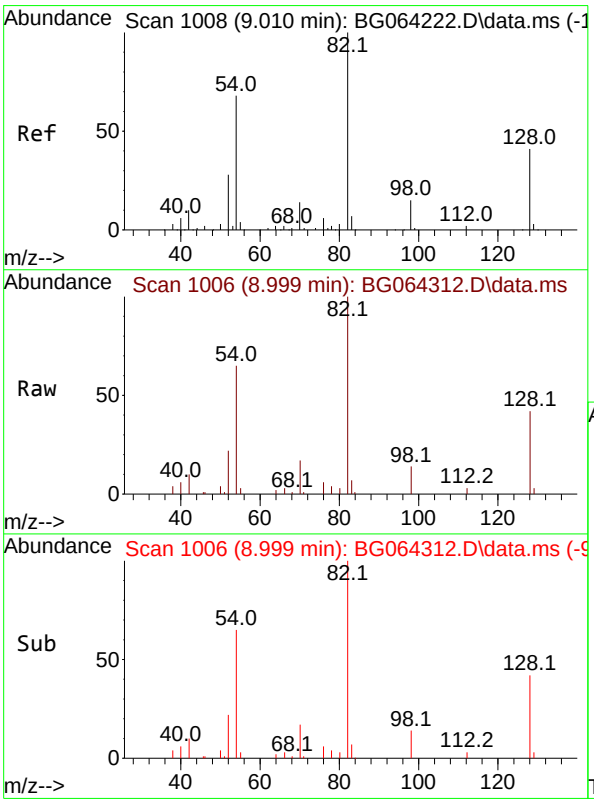
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.633 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:136 Resp: 100404

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	10.5	8.8	13.2
68	3.4	4.1	6.1#

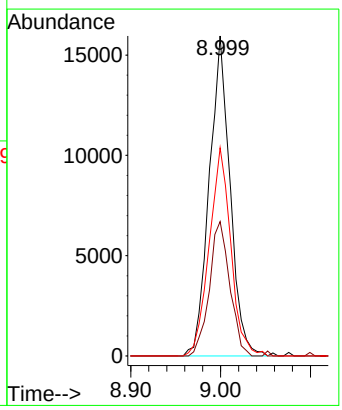


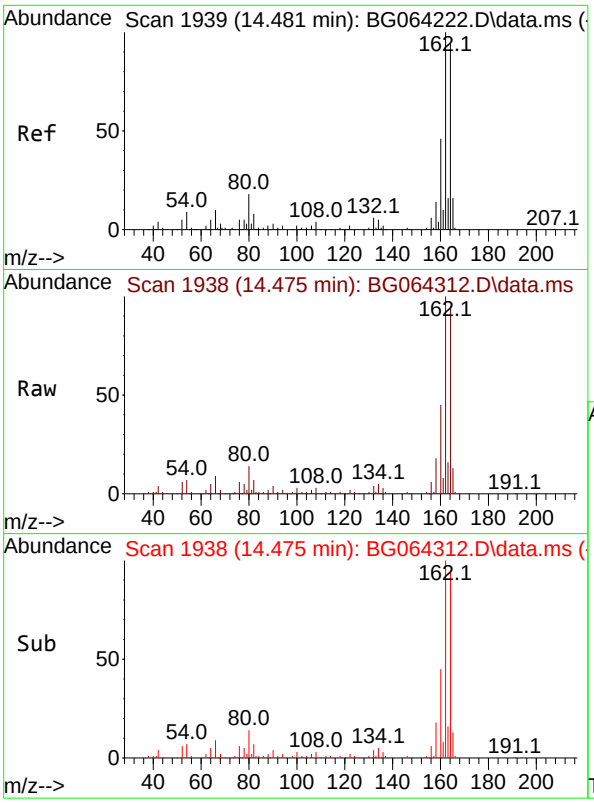


#23
Nitrobenzene-d5
Concen: 14.250 ng
RT: 8.999 min Scan# 1006
Delta R.T. -0.017 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

Tgt Ion: 82 Resp: 25654

Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.6	48.8
54	65.0	54.7	82.1



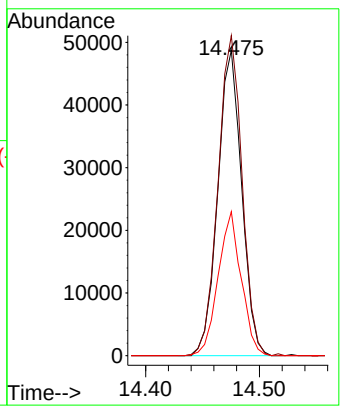


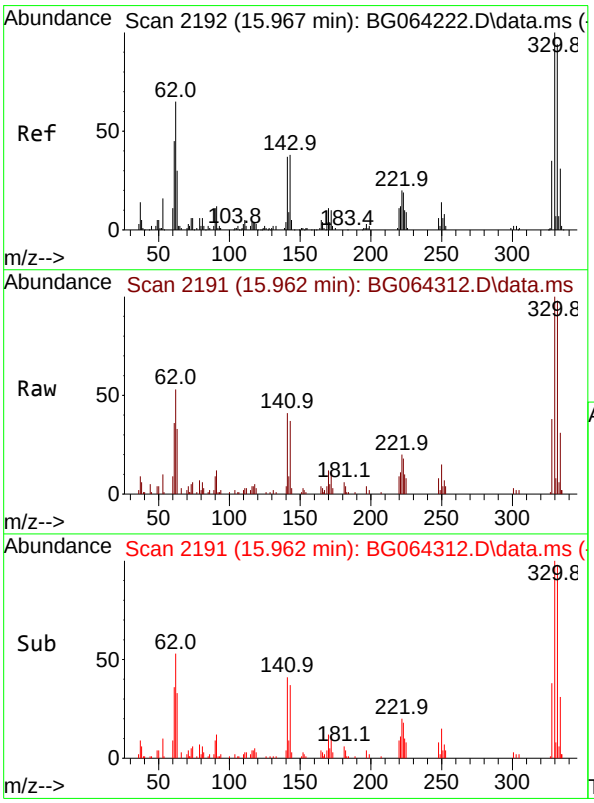
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 71106

Ion	Ratio	Lower	Upper
164	100		
162	104.7	85.4	128.0
160	47.1	39.2	58.8

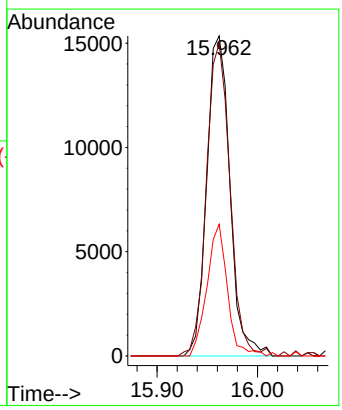


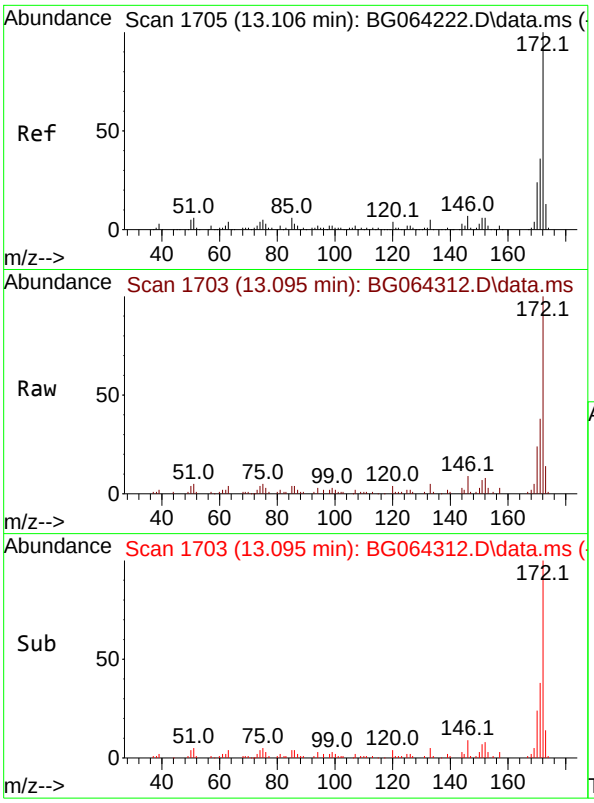


#42
2,4,6-Tribromophenol
Concen: 26.227 ng
RT: 15.962 min Scan# 2191
Delta R.T. -0.011 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

Tgt Ion:330 Resp: 24701

Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.6	116.4
141	36.5	29.8	44.6



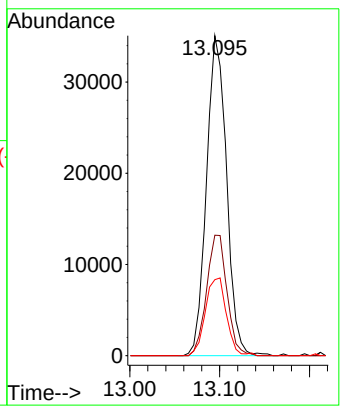


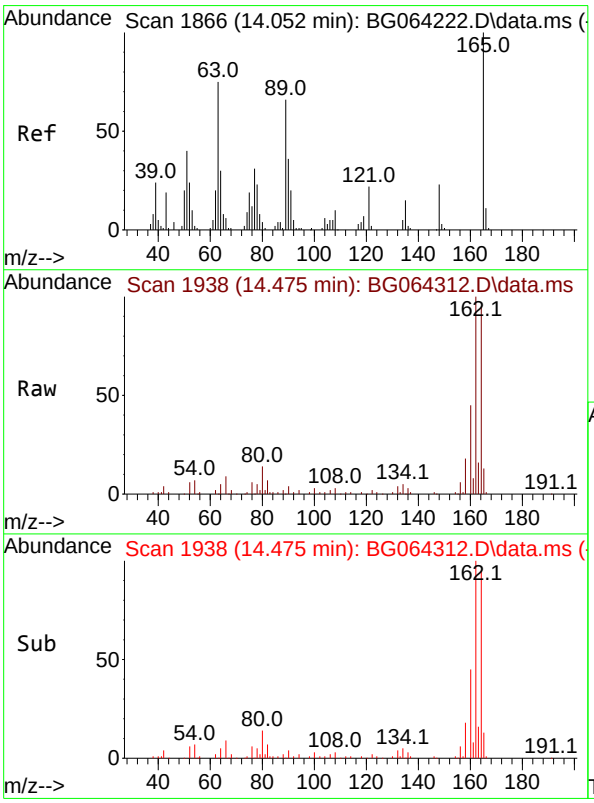
#45
2-Fluorobiphenyl
Concen: 11.670 ng
RT: 13.095 min Scan# 1
Delta R.T. -0.017 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:172 Resp: 54366

Ion	Ratio	Lower	Upper
172	100		
171	37.6	28.7	43.1
170	23.7	19.0	28.6

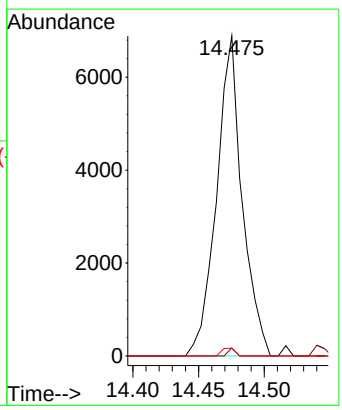


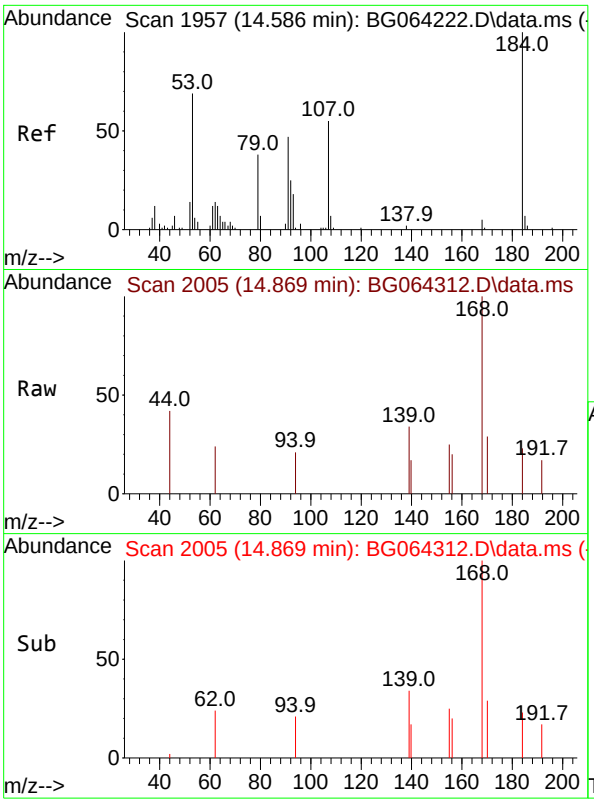


#51
2,6-Dinitrotoluene
Concen: 8.966 ng
RT: 14.475 min Scan# 1938
Delta R.T. 0.418 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

Tgt Ion:165 Resp: 9342

Ion	Ratio	Lower	Upper
165	100		
63	2.5	60.3	90.5#
89	2.4	52.9	79.3#



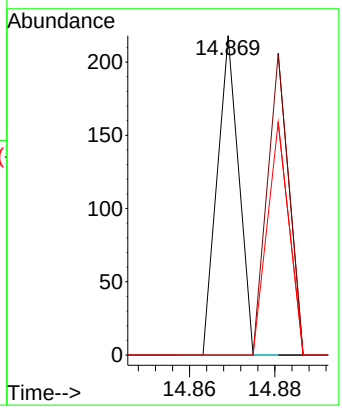


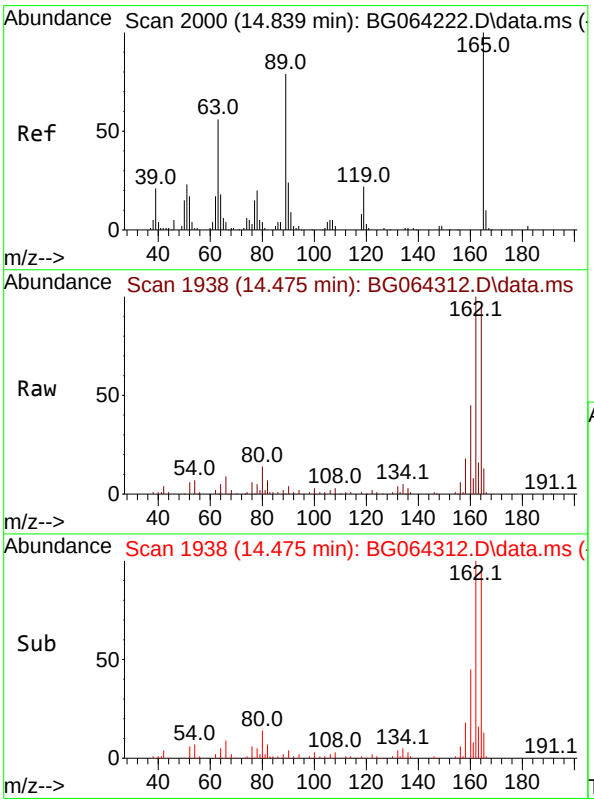
#54
2,4-Dinitrophenol
Concen: 5.756 ng
RT: 14.869 min Scan# 2(
Delta R.T. 0.277 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:184 Resp: 77

Ion	Ratio	Lower	Upper
184	100		
63	0.0	60.1	90.1#
154	0.0	59.8	89.8#

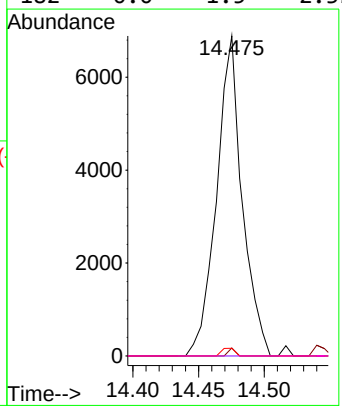


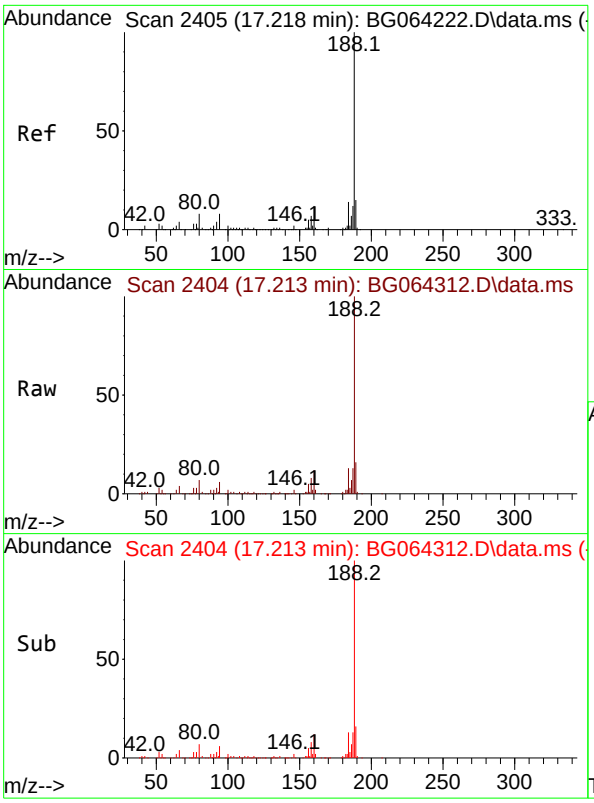


#57
2,4-Dinitrotoluene
Concen: 5.930 ng
RT: 14.475 min Scan# 1938
Delta R.T. -0.370 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

Tgt Ion:165 Resp: 9342

Ion	Ratio	Lower	Upper
165	100		
63	2.5	44.6	67.0#
89	2.4	63.0	94.4#
182	0.0	1.5	2.3#



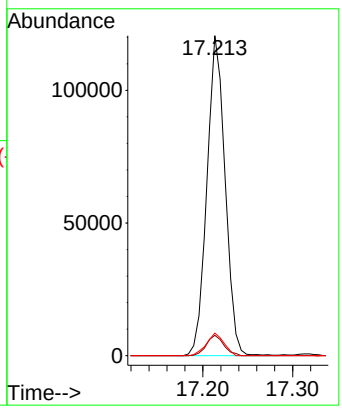


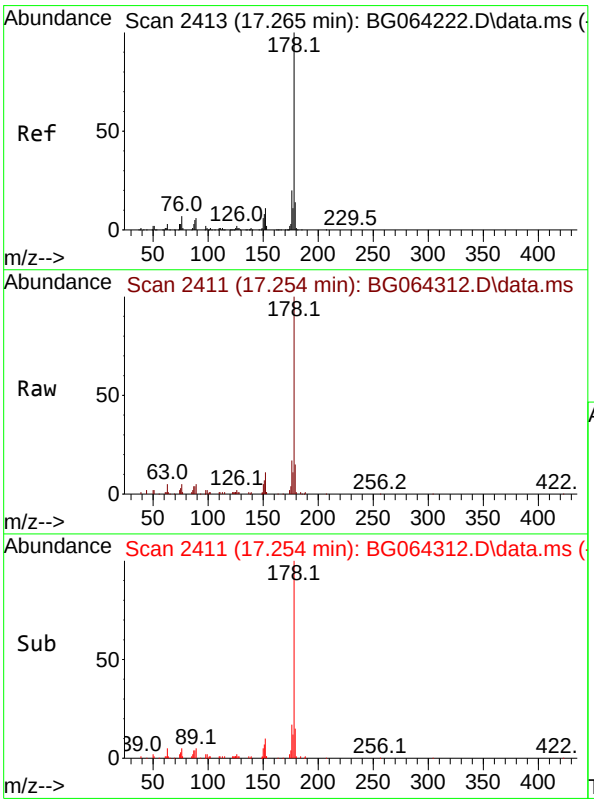
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.213 min Scan# 24
Delta R.T. -0.011 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:188 Resp: 169678

Ion	Ratio	Lower	Upper
188	100		
94	6.3	6.2	9.4
80	7.0	6.8	10.2

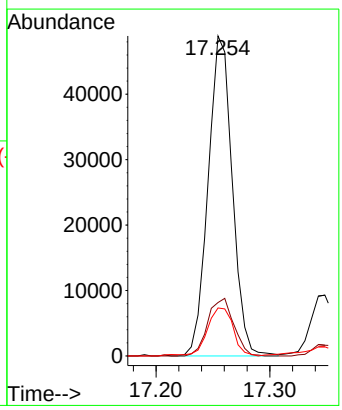


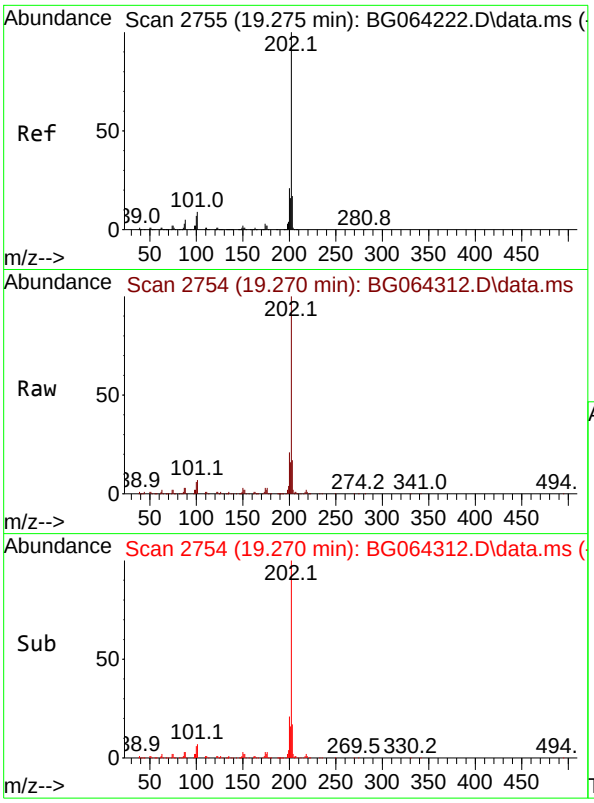


#71
Phenanthrene
Concen: 8.073 ng
RT: 17.254 min Scan# 2411
Delta R.T. -0.011 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

Tgt Ion:178 Resp: 72245

Ion	Ratio	Lower	Upper
178	100		
176	16.7	15.9	23.9
179	15.0	11.4	17.2



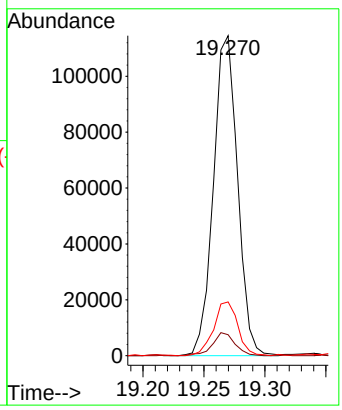


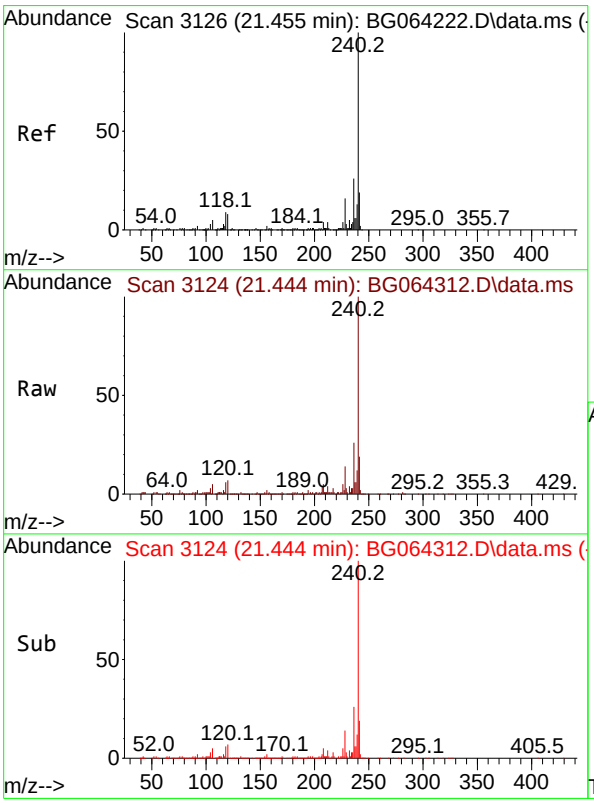
#75
Fluoranthene
Concen: 15.021 ng
RT: 19.270 min Scan# 2
Delta R.T. -0.005 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 158061

Ion	Ratio	Lower	Upper
202	100		
101	6.5	0.0	28.7
203	16.8	0.0	36.9

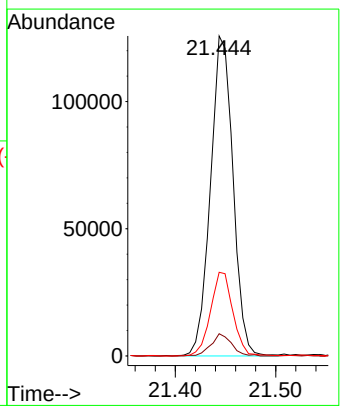


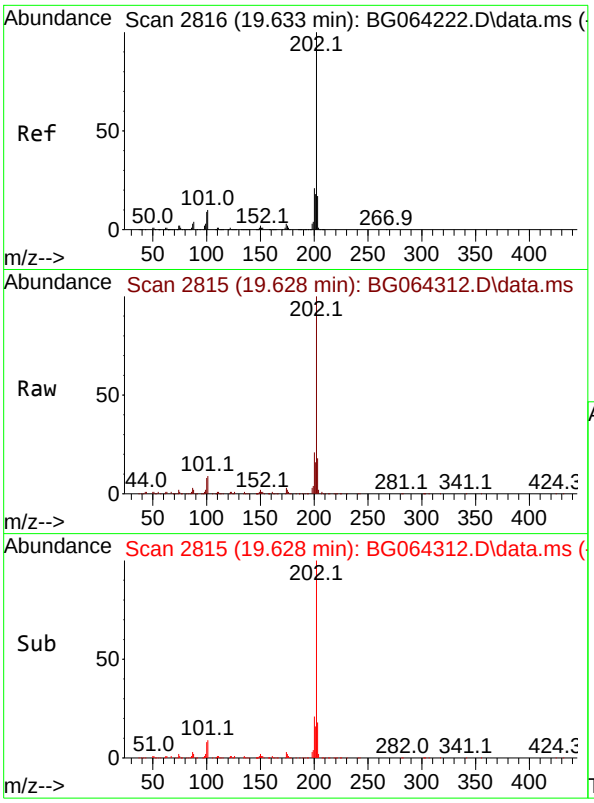


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3124
Delta R.T. -0.011 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

Tgt Ion:240 Resp: 196040

Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.2	9.4
236	26.2	20.5	30.7



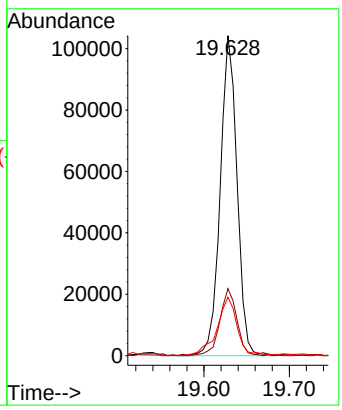


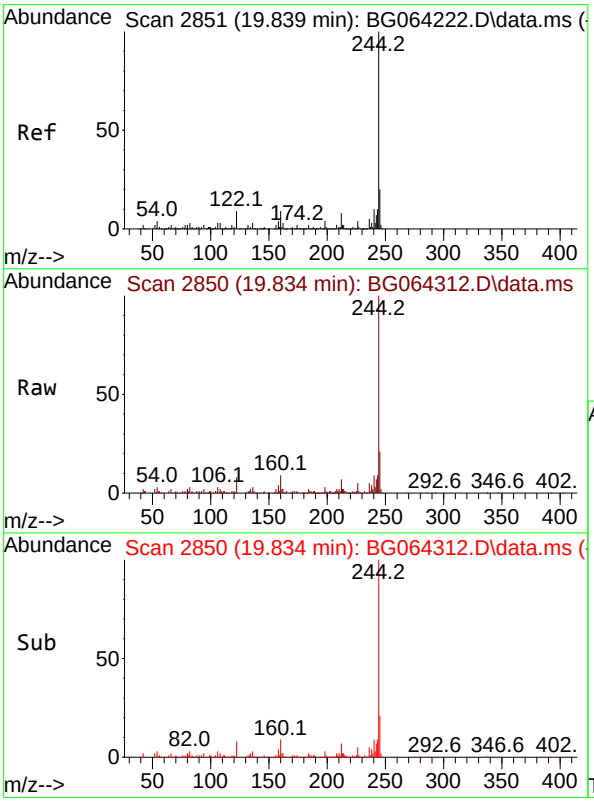
#78
Pyrene
Concen: 11.589 ng
RT: 19.628 min Scan# 2
Delta R.T. -0.011 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:202 Resp: 143135

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	18.2	13.8	20.8

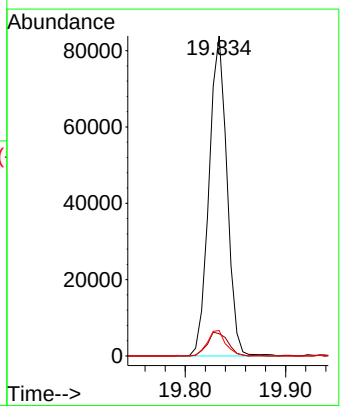


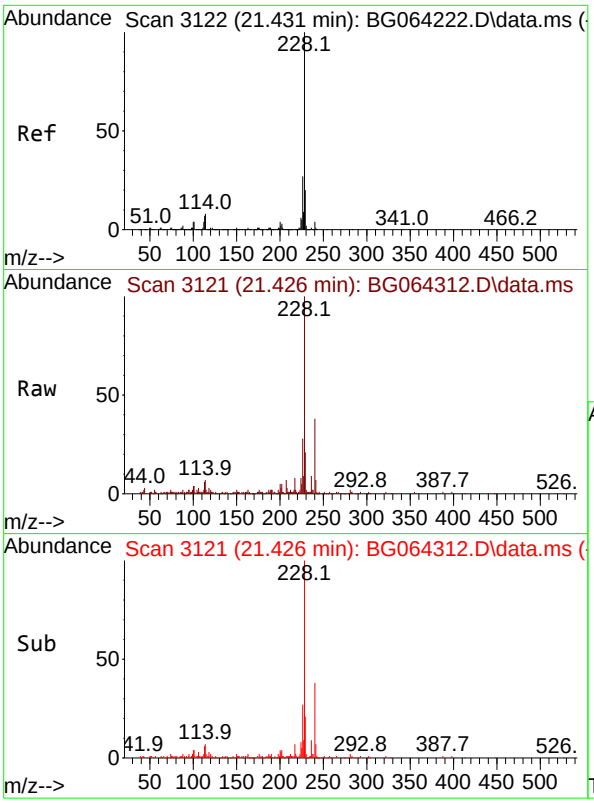


#79
Terphenyl-d14
Concen: 11.110 ng
RT: 19.834 min Scan# 2850
Delta R.T. -0.011 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

Tgt Ion:244 Resp: 104396

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.6	10.0
122	8.0	7.0	10.6



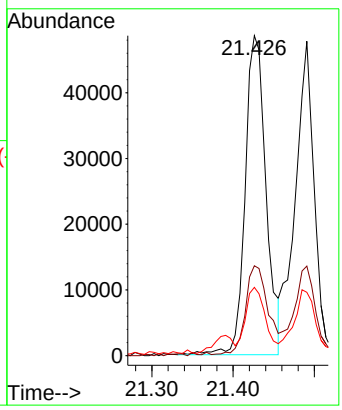


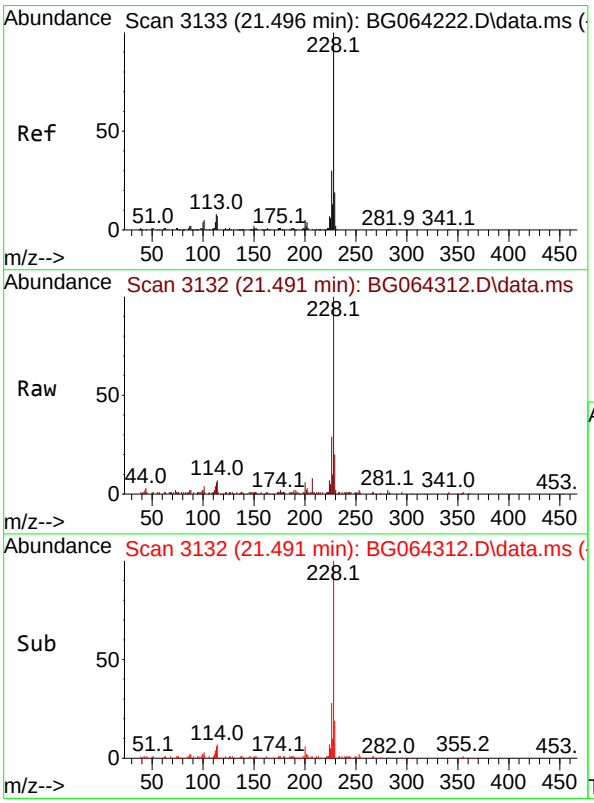
#81
Benzo(a)anthracene
Concen: 6.916 ng
RT: 21.426 min Scan# 3
Delta R.T. -0.011 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:228 Resp: 86735

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.7	32.5
229	21.3	15.9	23.9

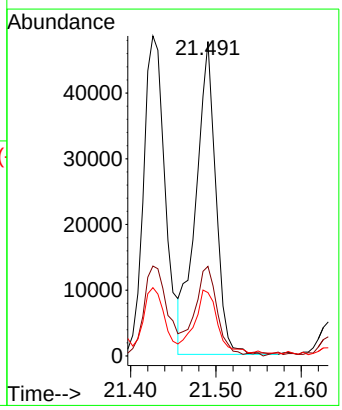


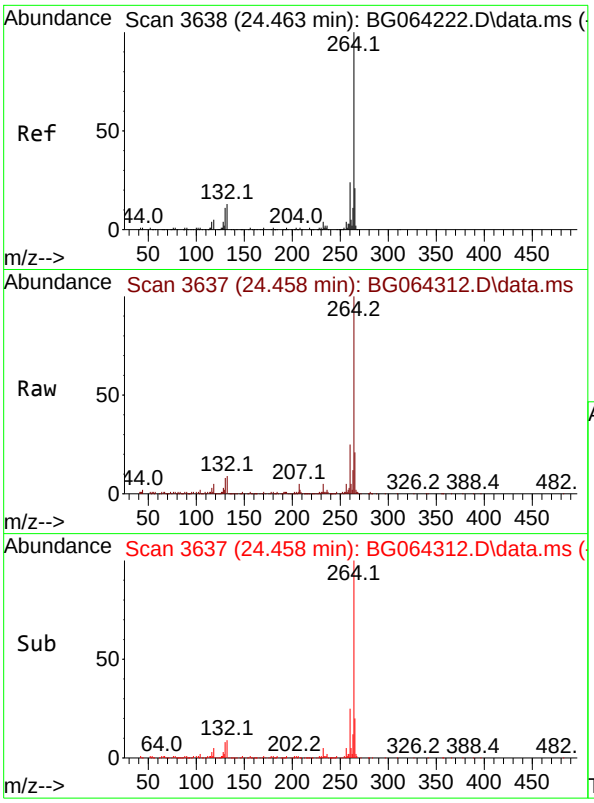


#83
Chrysene
Concen: 6.456 ng
RT: 21.491 min Scan# 3132
Delta R.T. -0.011 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

Tgt Ion:228 Resp: 77728

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.2	36.2
229	20.1	15.4	23.2



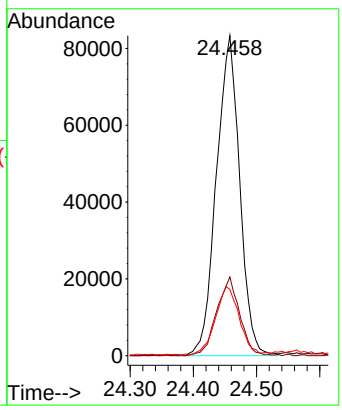


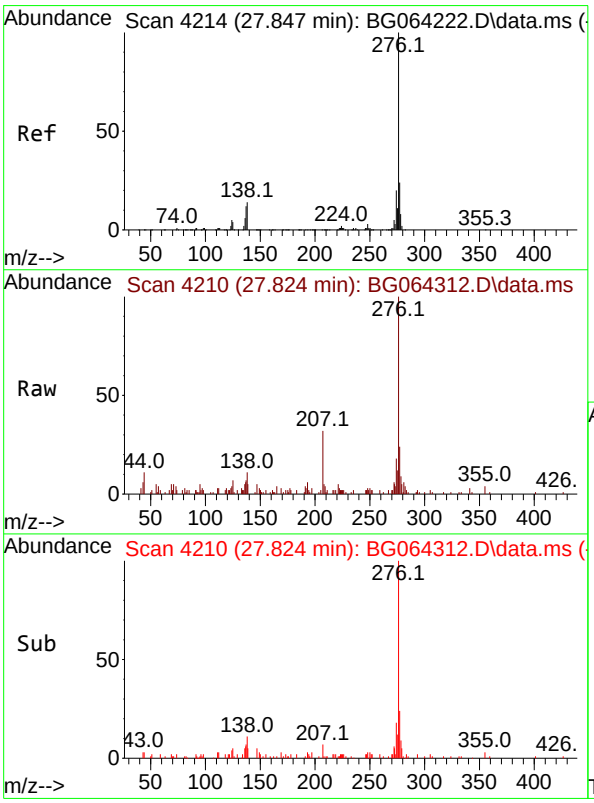
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.458 min Scan# 3
Delta R.T. -0.005 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:264 Resp: 213880

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.9	28.3
265	20.7	16.7	25.1

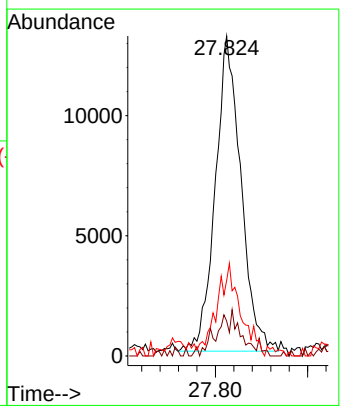


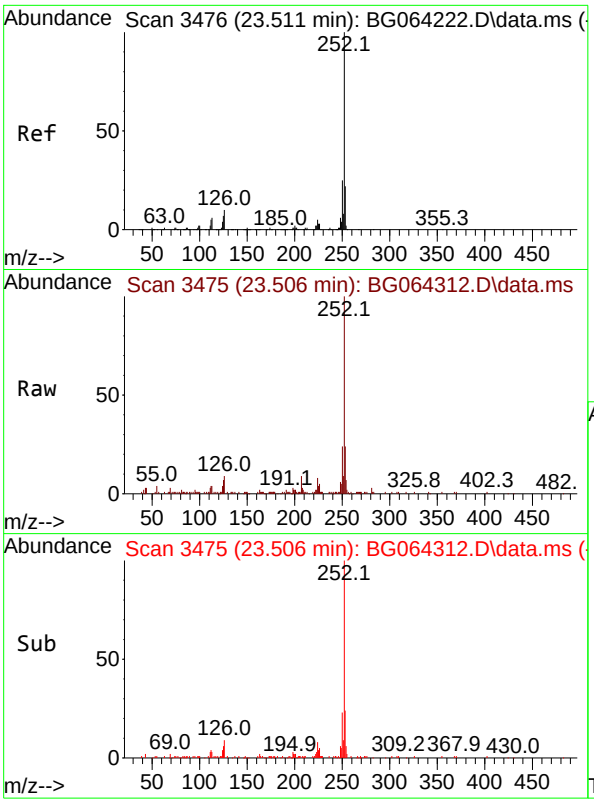


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.453 ng
RT: 27.824 min Scan# 4210
Delta R.T. -0.047 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

Tgt Ion:276 Resp: 50442

Ion	Ratio	Lower	Upper
276	100		
138	2.3	7.4	11.0#
277	27.5	20.5	30.7



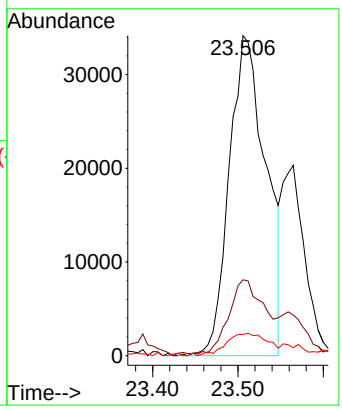


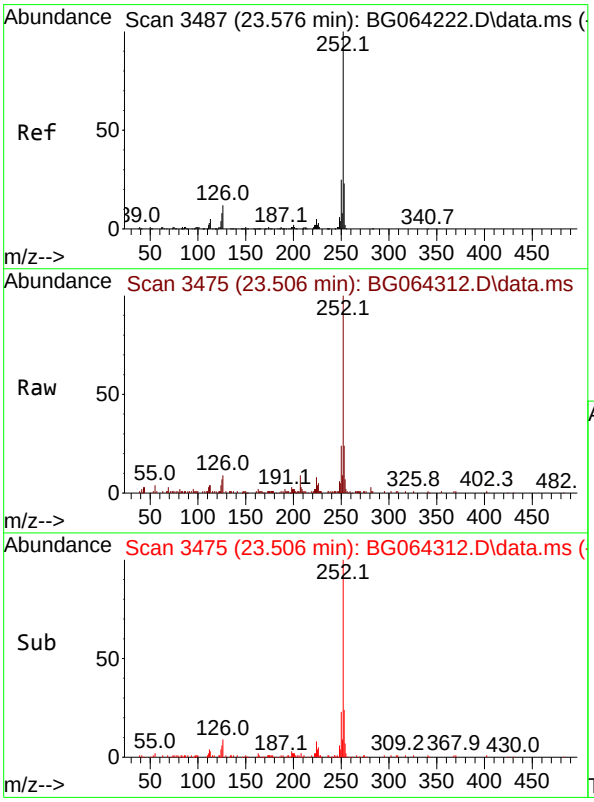
#88
Benzo(b)fluoranthene
Concen: 8.476 ng
RT: 23.506 min Scan# 34
Delta R.T. -0.011 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:252 Resp: 102309

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	6.7	5.9	8.9

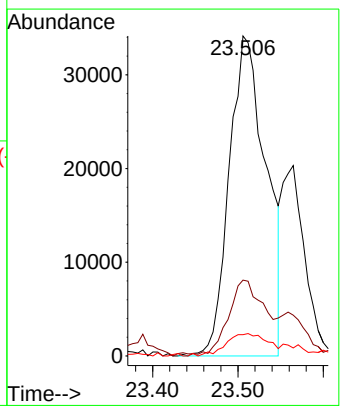


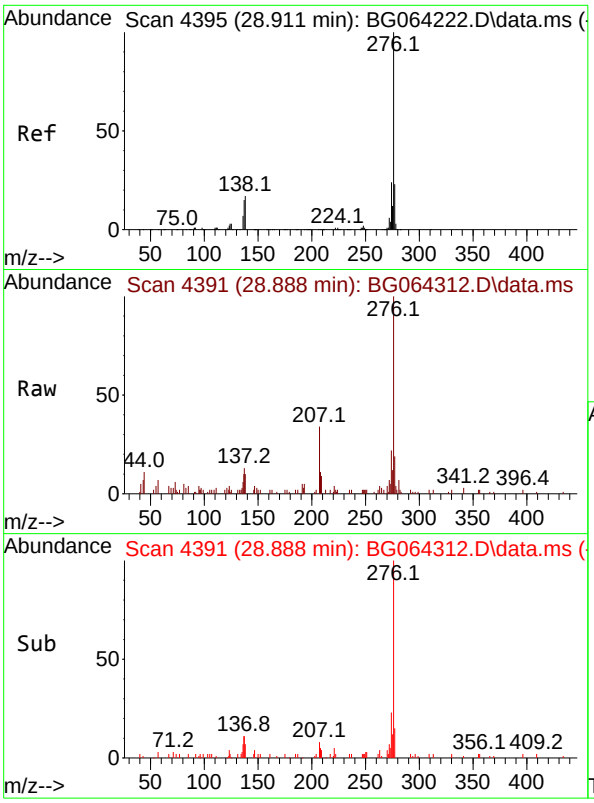


#89
Benzo(k)fluoranthene
Concen: 8.319 ng
RT: 23.506 min Scan# 3475
Delta R.T. -0.082 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

Tgt Ion:252 Resp: 102309

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.4
125	6.7	7.0	10.4#





#92
Benzo(g,h,i)perylene
Concen: 4.210 ng
RT: 28.888 min Scan# 4
Delta R.T. -0.047 min
Lab File: BG064312.D
Acq: 8 Sep 2025 18:22

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:276 Resp: 48042

Ion	Ratio	Lower	Upper
276	100		
277	19.4	18.2	27.4
138	10.1	13.3	19.9#