Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064493.D
Acq On : 3 Oct 2025 18:59
Operator : RC/JU
Sample : Q3273-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW1

Quant Time: Oct 04 00:00:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.820	152	20058	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	82373	20.000	ng	# 0.00
39) Acenaphthene-d10	14.459	164	60802	20.000	ng	0.01
64) Phenanthrene-d10	17.197	188	129947	20.000	ng	# 0.01
76) Chrysene-d12	21.416	240	136555	20.000	ng	# 0.00
86) Perylene-d12	24.389	264	149983	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	73920	68.203	ng	0.01
7) Phenol-d6	6.997	99	59110	40.584	ng	0.01
23) Nitrobenzene-d5	8.977	82	138717	90.549	ng	0.01
42) 2,4,6-Tribromophenol	15.946	330	147739	134.050	ng	0.01
45) 2-Fluorobiphenyl	13.079	172	378313	91.713	ng	0.01
79) Terphenyl-d14	19.812	244	622795	86.312	ng	0.00
Target Compounds						Qvalue
78) Pyrene	19.606	202	41244	4.654	ng	# 91

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

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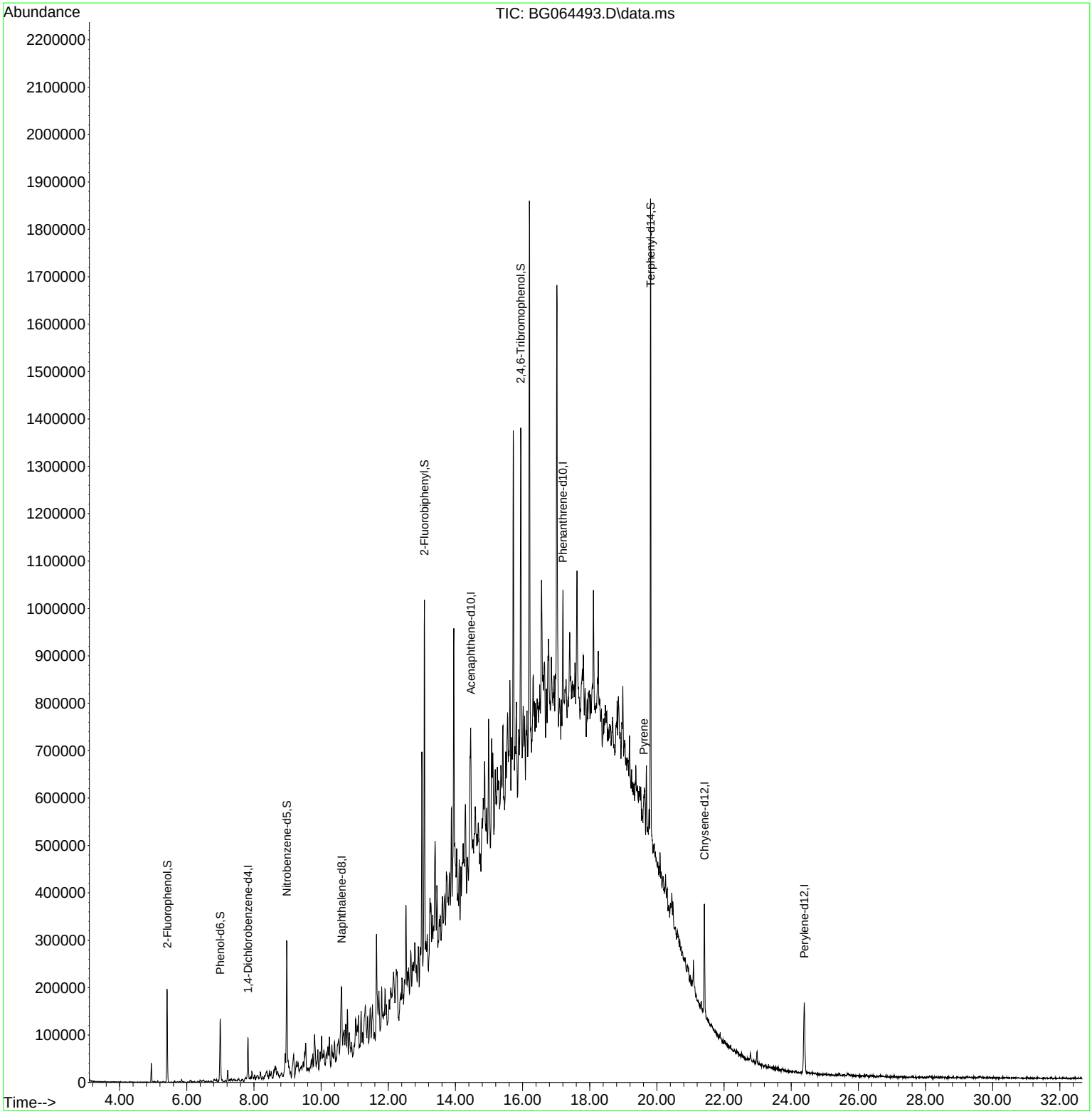
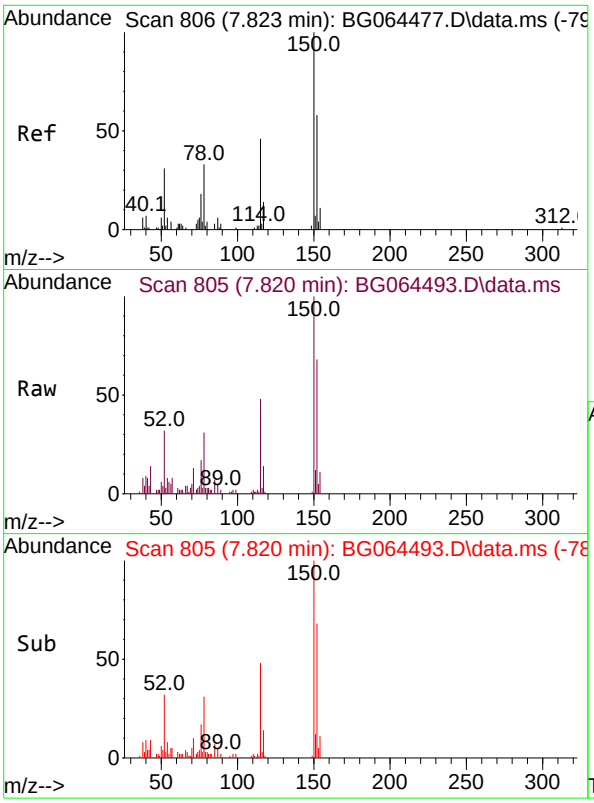


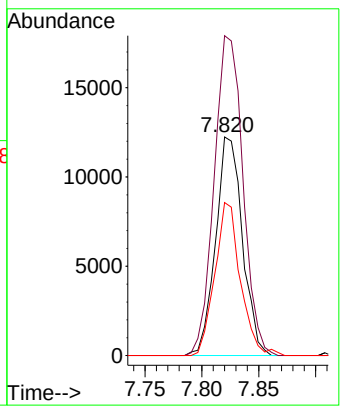


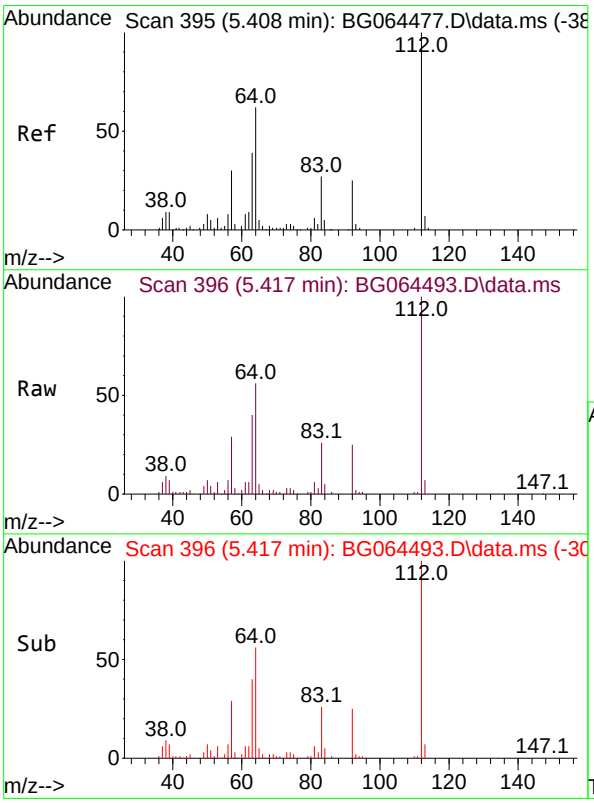
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.820 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Instrument :
BNA_G
ClientSampleId :
MW1

Tgt Ion:152 Resp: 20058

Ion	Ratio	Lower	Upper
152	100		
150	146.3	138.6	207.8
115	70.0	63.4	95.2

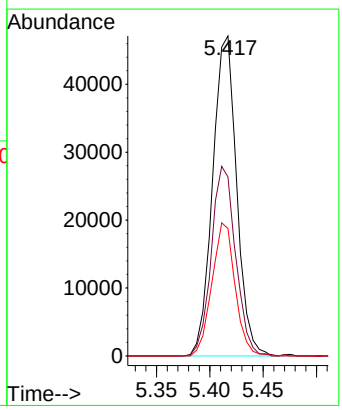


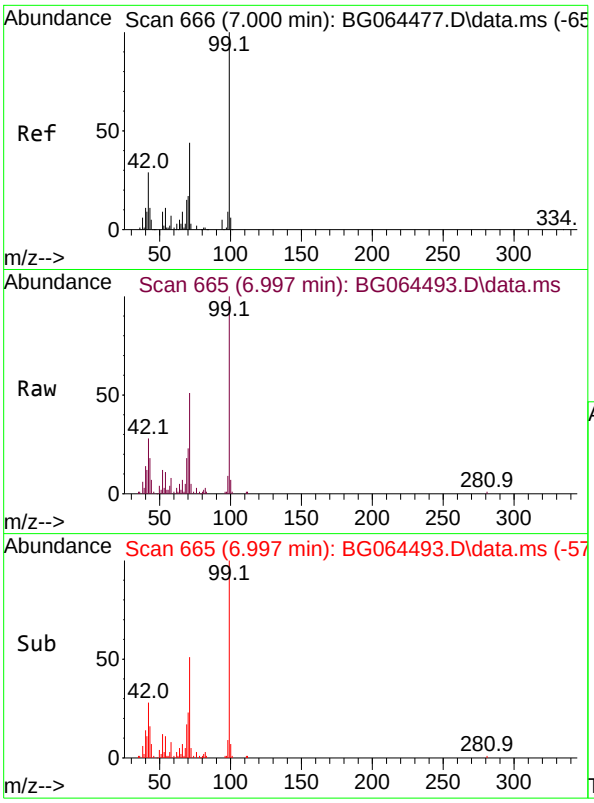


#5
2-Fluorophenol
Concen: 68.203 ng
RT: 5.417 min Scan# 396
Delta R.T. 0.011 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Tgt Ion:112 Resp: 73920

Ion	Ratio	Lower	Upper
112	100		
64	55.9	49.8	74.8
63	39.8	31.3	46.9



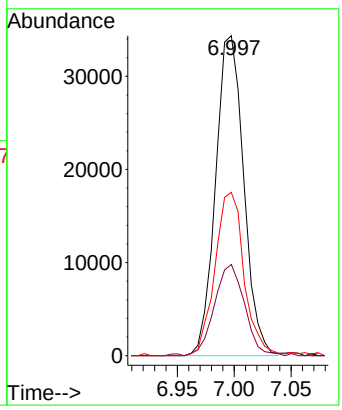


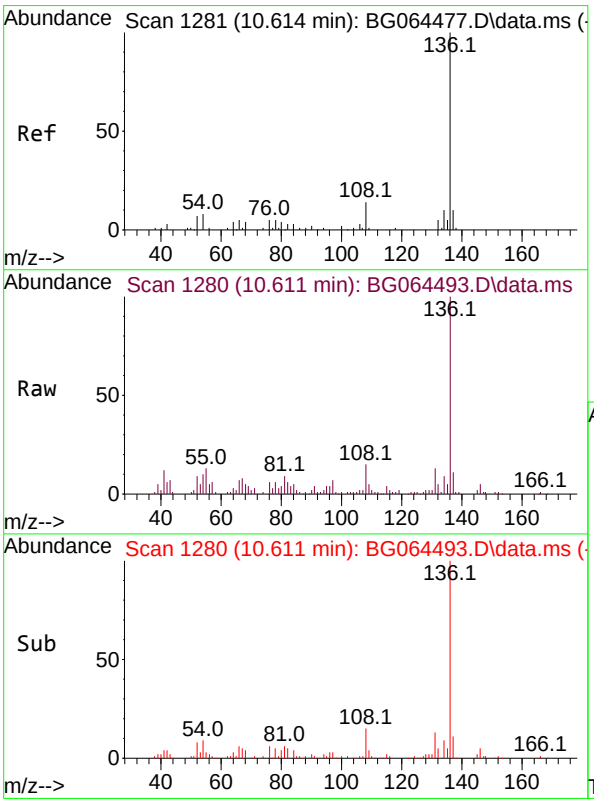
#7
Phenol-d6
Concen: 40.584 ng
RT: 6.997 min Scan# 6
Delta R.T. 0.011 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Instrument :
BNA_G
ClientSampleId :
MW1

Tgt Ion: 99 Resp: 59110

Ion	Ratio	Lower	Upper
99	100		
42	28.5	22.9	34.3
71	51.0	35.4	53.2

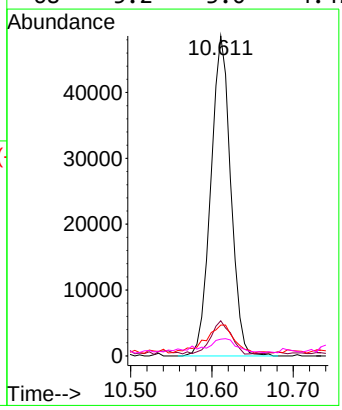


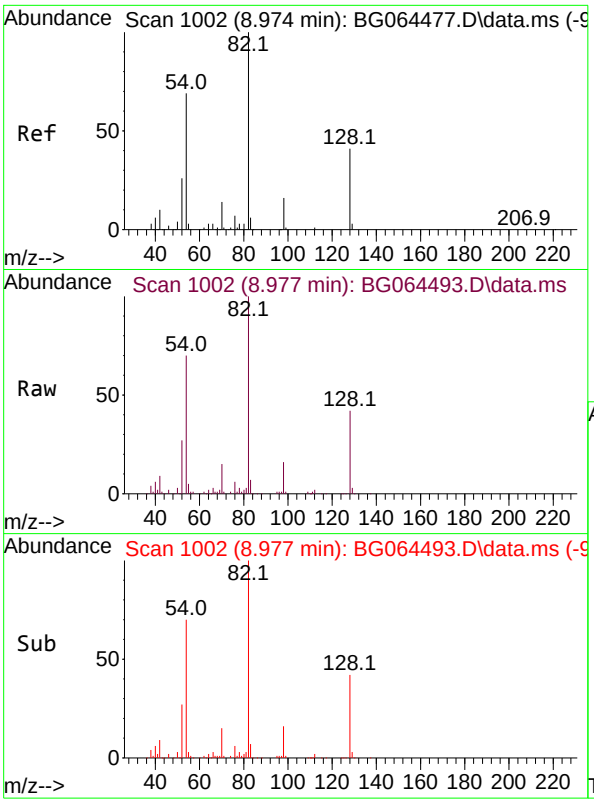


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 1280
Delta R.T. 0.005 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Tgt Ion:136 Resp: 82373

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.3	12.5
54	9.6	6.2	9.4#
68	5.2	3.0	4.4#



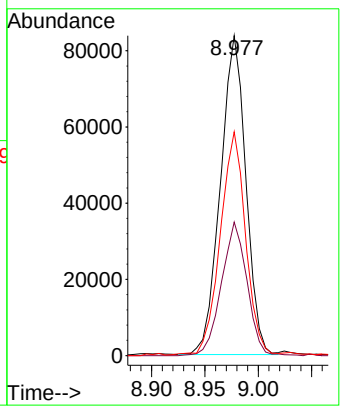


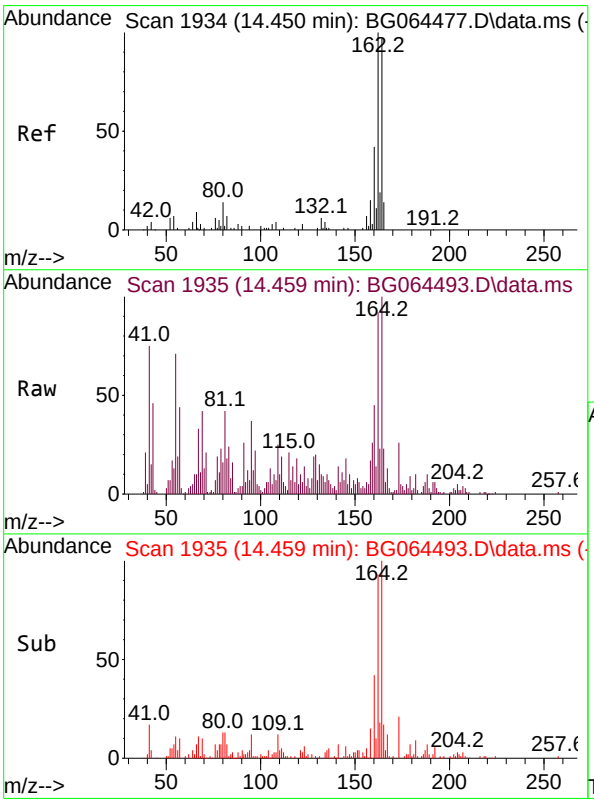
#23
Nitrobenzene-d5
Concen: 90.549 ng
RT: 8.977 min Scan# 10
Delta R.T. 0.011 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Instrument :
BNA_G
ClientSampleId :
MW1

Tgt Ion: 82 Resp: 138717

Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.1	49.7
54	69.9	55.4	83.2

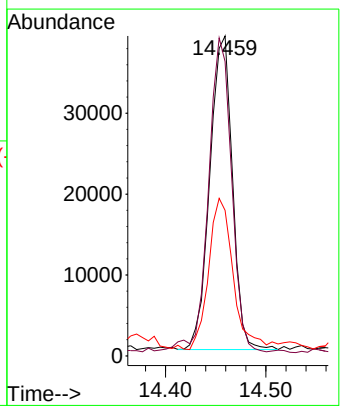


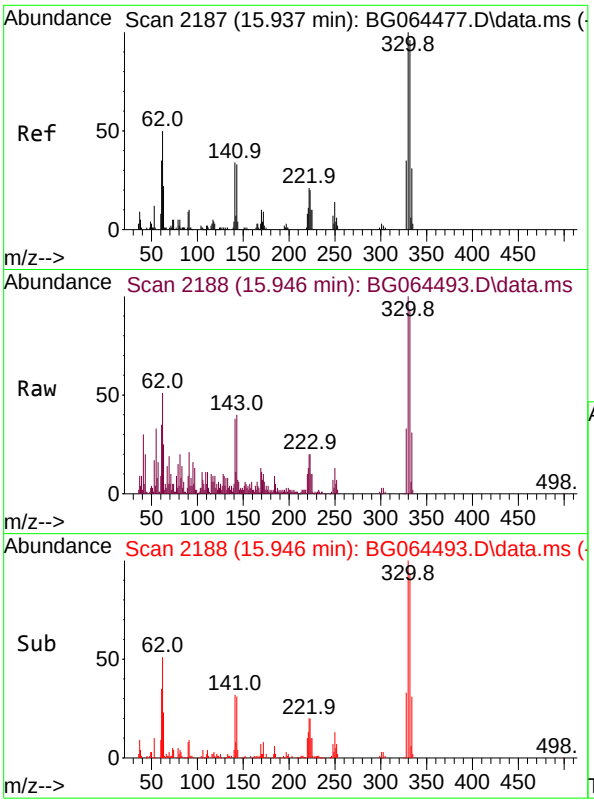


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.459 min Scan# 1935
Delta R.T. 0.011 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Tgt Ion:164 Resp: 60802

Ion	Ratio	Lower	Upper
164	100		
162	92.0	82.2	123.2
160	45.5	34.3	51.5



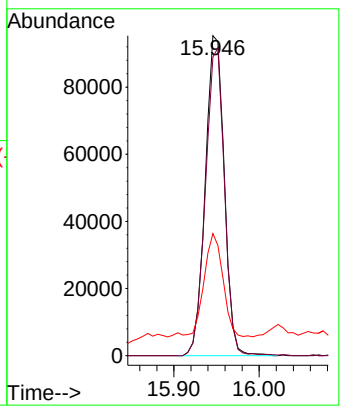


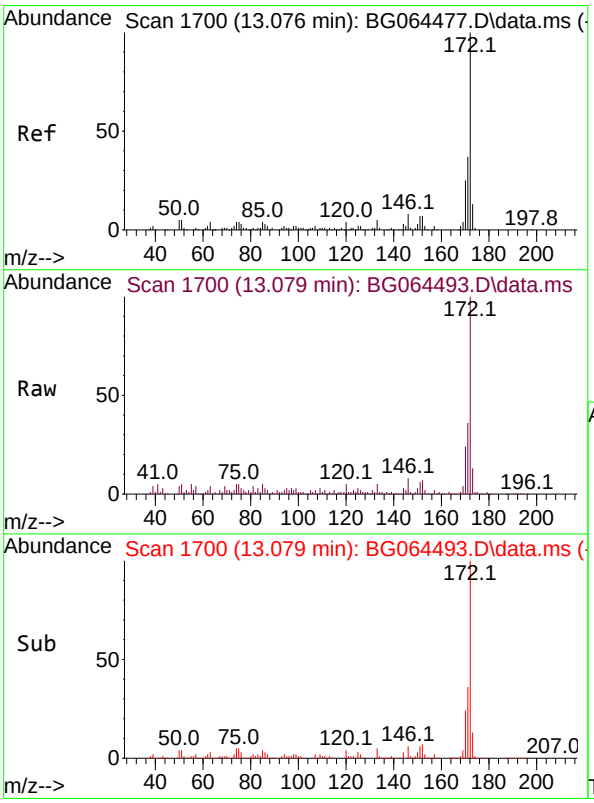
#42
2,4,6-Tribromophenol
Concen: 134.050 ng
RT: 15.946 min Scan# 21
Delta R.T. 0.011 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Instrument :
BNA_G
ClientSampleId :
MW1

Tgt Ion:330 Resp: 147739

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.0
141	34.0	25.8	38.6

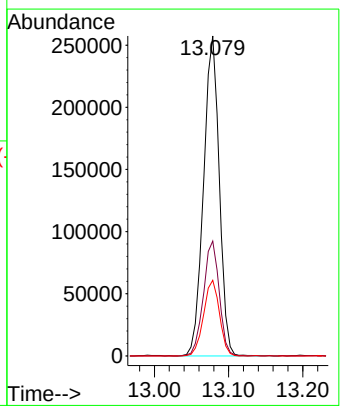


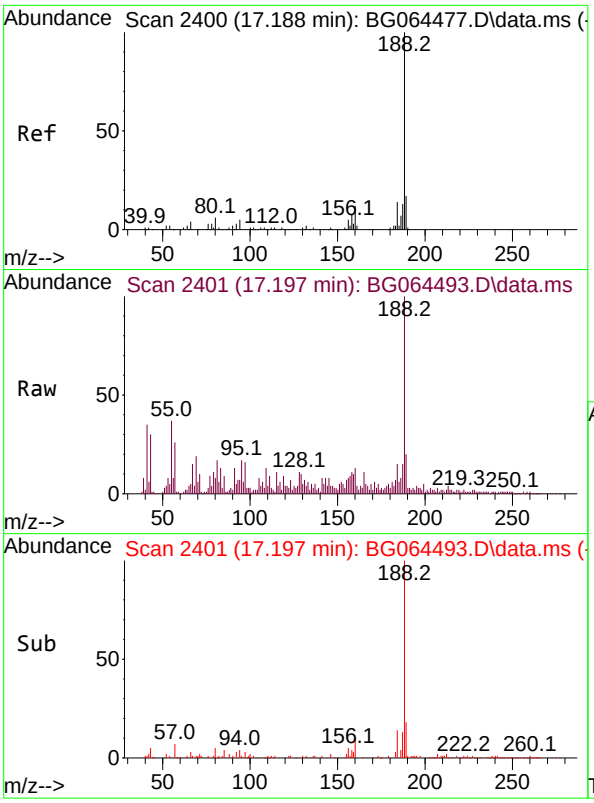


#45
2-Fluorobiphenyl
Concen: 91.713 ng
RT: 13.079 min Scan# 1700
Delta R.T. 0.011 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Tgt Ion:172 Resp: 378313

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.6	20.2	30.2



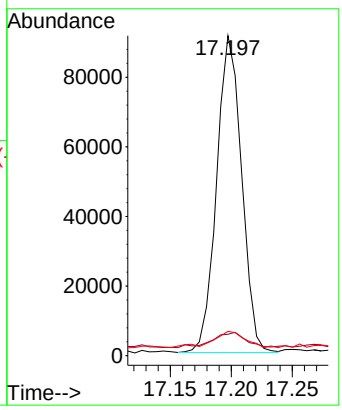


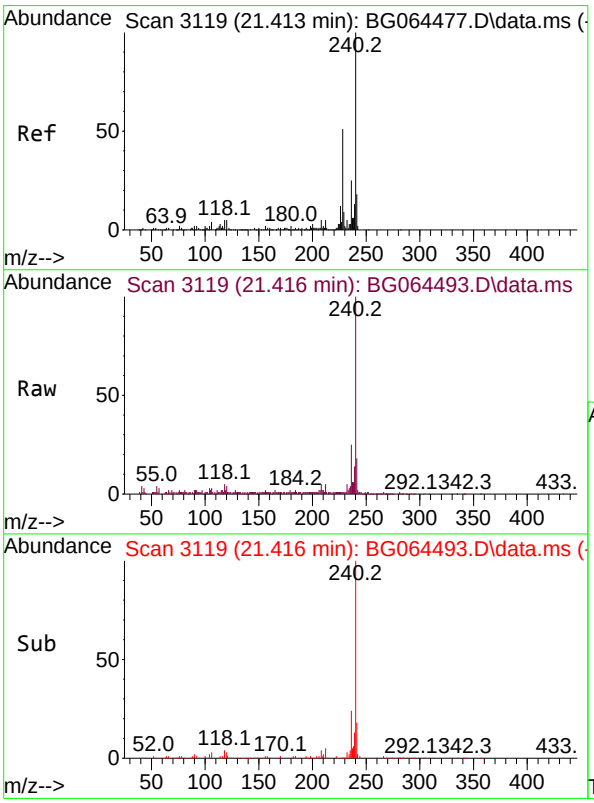
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.197 min Scan# 24
Delta R.T. 0.011 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Instrument :
BNA_G
ClientSampleId :
MW1

Tgt Ion:188 Resp: 129947

Ion	Ratio	Lower	Upper
188	100		
94	6.7	3.7	5.5#
80	7.6	4.5	6.7#

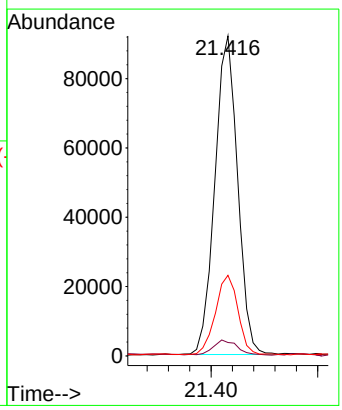


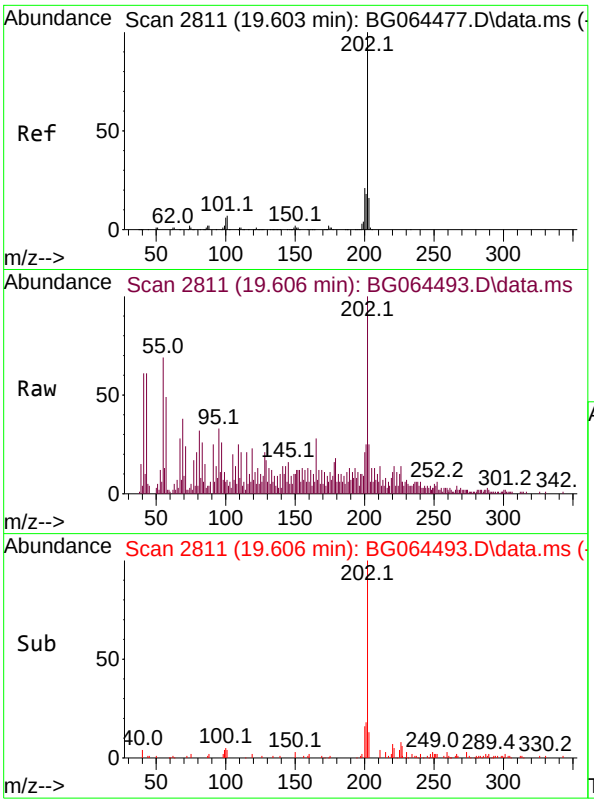


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.416 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Tgt Ion:240 Resp: 136555

Ion	Ratio	Lower	Upper
240	100		
120	4.2	4.3	6.5#
236	25.2	20.4	30.6



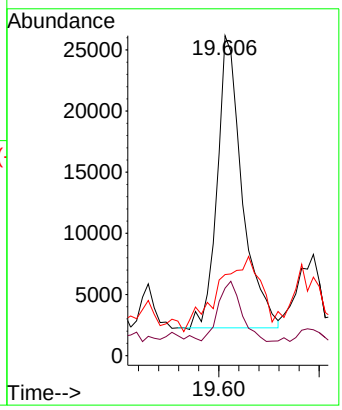


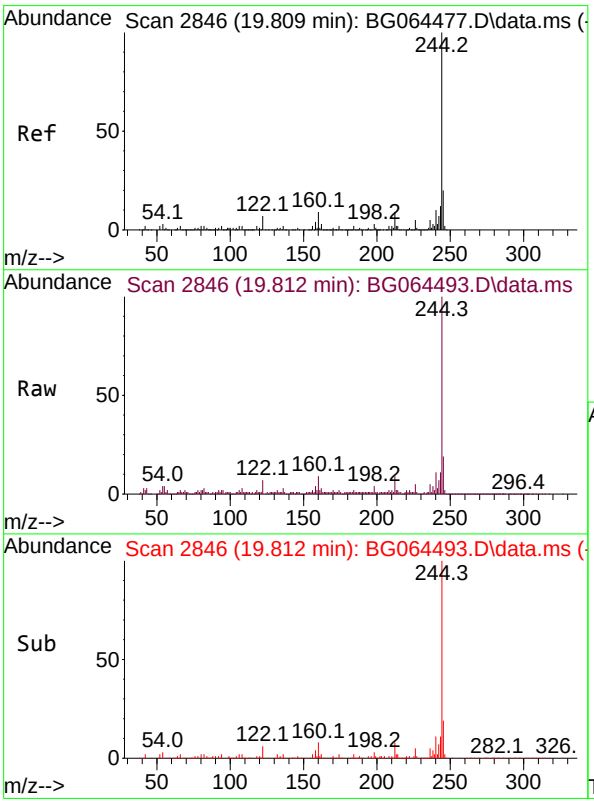
#78
Pyrene
Concen: 4.654 ng
RT: 19.606 min Scan# 28
Delta R.T. 0.005 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Instrument :
BNA_G
ClientSampleId :
MW1

Tgt Ion:202 Resp: 41244

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	25.3	13.0	19.4#

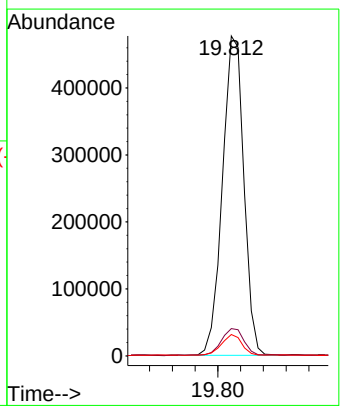


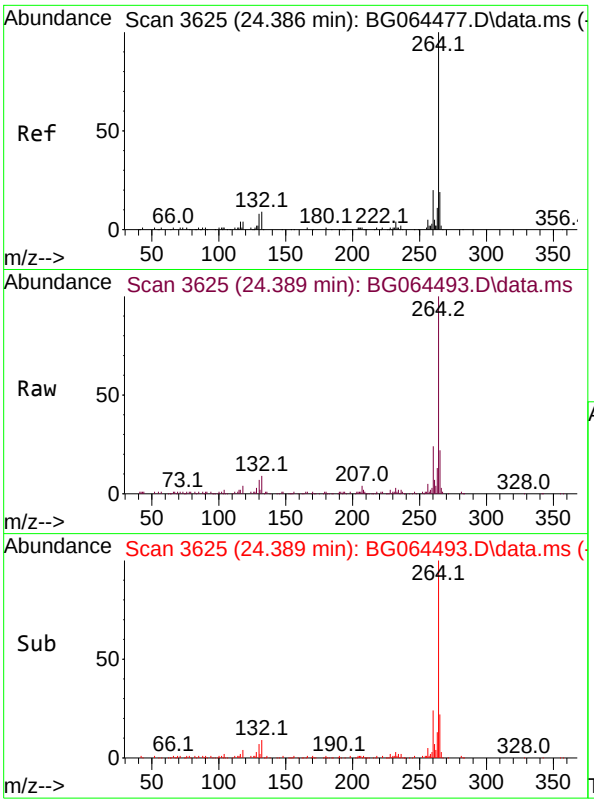


#79
Terphenyl-d14
Concen: 86.312 ng
RT: 19.812 min Scan# 2846
Delta R.T. 0.005 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Tgt Ion:244 Resp: 622795

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	6.7	5.6	8.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.389 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Instrument :
BNA_G
ClientSampleId :
MW1

Tgt Ion:264 Resp: 149983

Ion	Ratio	Lower	Upper
264	100		
260	24.4	16.2	24.4#
265	22.5	15.0	22.4#